



# Product Catalogue

BD Diagnostics - Diagnostic Systems



Helping all people  
live healthy lives



# BD - your partner in excellence

BD is a leading global medical technology company that develops, manufactures and sells medical devices, instrument systems and reagents. The Company is dedicated to improving people's health throughout the world. BD is focused on improving drug delivery, enhancing the quality and speed

of diagnosing infectious diseases and cancers, and advancing research, discovery and production of new drugs and vaccines. BD's capabilities are instrumental in combating many of the world's most pressing diseases. Founded in 1897 and headquartered in Franklin Lakes, New Jersey, BD employs

approximately 28,000 people in more than 50 countries throughout the world. The Company serves healthcare institutions, life science researchers, clinical laboratories, the pharmaceutical industry and the general public.

## BD Medical

- > Diabetes Care
- > Medical Surgical Systems
- > Ophthalmic Systems
- > Pharmaceutical Systems



BD Medical is among the world's leading suppliers of medical devices. BD built the first ever manufacturing facility in the US to produce syringes and needles in 1906 and has been the leading innovator in injection and infusion-based drug delivery ever since.

## BD Diagnostics

- > Diagnostic Systems
- > Preanalytical Systems



BD Diagnostics is a leading provider of products for the safe collection and transport of diagnostic specimens and instruments for quick, accurate analysis across a broad range of infectious diseases, including the growing problem of healthcare-associated infections (HAIs). The segment is composed of two operating units: Preanalytical Systems, a world leader in sample collection, and Diagnostic Systems, a leader in microbiology testing products and molecular assays.

## BD Biosciences

- > Discovery Labware
- > Cell Analysis



BD Biosciences is one of the world's leading businesses bringing innovative tools to life scientists, clinical researchers and clinicians. Our customers are involved in basic research, drug and vaccine discovery and development, biopharmaceutical production, clinical trials, diagnostic testing and disease management.

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# Excellence By Design

## BD BACTEC™ FX Blood Culture System



### 2009 Medical Design Excellence Award Winner.

The design of the BD BACTEC™ FX system has been officially recognised to be the most compact, innovative system for blood culturing.

The Medical Design Excellence Awards recognise groundbreaking innovations that are changing the face of healthcare. The BD BACTEC™ FX, which won a silver award in the In Vitro Diagnostics

category, is designed for performance, efficiency, ease of use and flexibility - keeping pace with the rapidly changing needs of the laboratory.

Coupled with an intuitive workflow and intelligent data management, Blood Culture processing has never been easier!



# Blood Culture Systems



## **BD BACTEC™ 9000 and BD BACTEC™ FX**

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# Blood Culture Systems



## BD Bactec™ Instruments

PRODUCT CODE	SIZE	DESCRIPTION
445800	1	<b>BD BACTEC™ - Blood Culture System BD BACTEC™ 9050</b>  Features include continuous monitoring of culture specimens, non-invasive design, unique fluorescent sensor technology, reliability and robustness, and simple operation. The BD BACTEC™ 9050 blood culture system has a capacity of 50 BD BACTEC™ blood culture vials and is best suited to laboratories processing 5 blood culture bottle pairs per day.
enquire	1	<b>BD BACTEC™ - Blood Culture System BD BACTEC™ FX</b>  The BD BACTEC™ FX builds on the proven superior fluorescence detection technology, exceptional media performance and instrument reliability of the BD BACTEC™ 9000 blood culture systems. This is now combined with: <ul style="list-style-type: none"> <li>• the most efficient, intuitive workflow for reduced hands-on time</li> <li>• the most compact, innovative system design for maximum ergonomics and laboratory space utilisation</li> <li>• intelligent cutting-edge data management with enhanced blood culture observation in and out of the laboratory for reduced workflow interruptions and optimised communication of preliminary or final results to caregivers.</li> </ul> The BD BACTEC™ FX System has a modular design which easily accommodates the changing capacity requirements of laboratories. The most common configuration of the BD BACTEC™ FX is a two-module system designed as a stack. The stack contains four drawers, each with a 100 vial capacity. Smaller volume laboratories can choose a single, top-unit system with 2 drawers (200 vial capacity in total). For high volume capacity, multiple (up to 20) stack/top-unit options can be seamlessly integrated into a single system using BD EpiCenter™. Existing BD BACTEC™ 9120/9240 instruments can also be easily combined with BD BACTEC™ FX modules via BD EpiCenter™.



## BD BACTEC™ Media & BD FOS™ Supplement Kit

PRODUCT CODE	SIZE	DESCRIPTION
442260	50 vials	<p><b>BD BACTEC™ - Standard/10 Aerobic/F Medium</b></p> <p>BD BACTEC™ - Standard/10 Aerobic/F Medium (enriched soybean-casein digest broth with CO<sub>2</sub>) is used for the culture and recovery of aerobic microorganisms from blood specimens. Optimal results are obtained when 10 ml of blood is used. This medium does not contain resins intended for antibiotic neutralisation.</p>
442192	50 vials	<p><b>BD BACTEC™ PLUS - Aerobic/F Medium</b></p> <p>BD BACTEC™ PLUS - Aerobic/F Medium (enriched soybean-casein digest broth with CO<sub>2</sub>) is used for the culture and recovery of aerobic microorganisms from blood specimens with enhanced recovery from antibiotic patients. Optimal results are obtained when 10 ml of blood is used. The vials contain resin for neutralisation of antimicrobials, thus increasing the recovery of microorganisms from patients under antibiotic treatment.</p>
442191	50 vials	<p><b>BD BACTEC™ - Standard Anaerobic/F Medium</b></p> <p>BD BACTEC™ - Standard Anaerobic/F Medium (enriched soybean-casein digest broth with CO<sub>2</sub>) is used for the culture and recovery of anaerobic microorganisms from blood specimens. Optimal results are obtained when 5 -7 ml of blood is used. This medium does not contain resins intended for antibiotic neutralisation.</p>
442193	50 vials	<p><b>BD BACTEC™ PLUS - Anaerobic/F Medium</b></p> <p>BD BACTEC™ PLUS - Anaerobic/F Medium Culture Vials (pre-reduced enriched Soybean-Casein Digest broth with CO<sub>2</sub>) are used for the culture and recovery of anaerobic microorganisms (bacteria and yeasts) from blood specimens. This medium has been designed to allow the addition of 10 ml of blood. The addition of these larger volumes results in overall higher detection rates and earlier times to detection. The vials contain resin for neutralisation of antimicrobials, thus increasing the recovery of microorganisms from patients under antibiotic treatment.</p>
442265	50 vials	<p><b>BD BACTEC™ - Lytic/10 Anaerobic/F Medium</b></p> <p>BD BACTEC™ - Lytic/10 Anaerobic/F Medium Culture Vials (pre-reduced enriched Soybean-Casein Digest broth with CO<sub>2</sub>) are used for the culture and recovery of anaerobic microorganisms from blood specimens. BD BACTEC™ Lytic/10 Anaerobic/F vials contain saponin in order to release phagocytosed microorganisms from leukocytes thus increasing the recovery rate and reducing false positives. This medium has been designed to allow the addition of 3-10 ml of blood. The addition of larger volumes results in overall higher detection rates and earlier times to detection. This medium does not contain resins intended for the neutralisation of antibiotics. The vials provide faster time to detection for facultative and anaerobic organisms compared to standard and PLUS anaerobic media.</p>
442194	50 vials	<p><b>BD BACTEC™ - BD Peds Plus™ Medium</b></p> <p>BD BACTEC™ - BD Peds Plus™ Medium Culture Vials (enriched Soybean-Casein Digest broth with CO<sub>2</sub>) are used for the culture and recovery of aerobic microorganisms (mainly bacteria and fungi) from paediatric and other blood specimens which are generally less than 3 ml in volume. The vials contain resin for neutralisation of antimicrobials, thus increasing the recovery of microorganisms from patients under antibiotic treatment.</p>
442003	25 vials	<p><b>BD BACTEC™ - Myco/F Lytic Medium</b></p> <p>BD BACTEC™ - Myco/F Lytic (a modified Middlebrook 7H9 broth) is a non-selective culture medium to be used as an adjunct to aerobic blood culture media for the recovery of mycobacteria, yeast and fungi. This media may also be used for the culture of sterile body fluids when yeast or fungi are suspected. One advantage of this medium is direct inoculation of blood into the blood culture bottle without the need for supplements. Inoculation of blood volumes ranging between 1-5 ml is acceptable, but optimum recovery is obtained with 3-5 ml. This medium is very useful for the characterisation of bloodstream infections of AIDS patients.</p>





442026	25 vials	BD BACTEC™ - Mycosis IC/F Medium Culture Vials
442206	50 vials	BD BACTEC™ - Mycosis IC/F Medium Culture Vials are used for the selective culture and recovery of fungi and yeasts from blood. The medium contains tobramycin and chloramphenicol in order to suppress bacterial growth and saponin in order to release phagocytosed fungi and yeasts from leukocytes. Time to detection of fungi and yeasts is greatly reduced compared to non-selective blood culture media. Acceptable blood volumes range from 8-10 ml. The vials are specially designed for immunosuppressed, neutropenic patients.
257283	25 sets	BD BACTEC™ PLUS Aerobic / Anaerobic Twinset
		Consists of a pair of one BD BACTEC™ Plus Aerobic/F and one BD BACTEC™ Plus Anaerobic/F vial in one conveniently packaged set. Helps to ensure the collection of blood culture sets and thus sufficient volumes of blood. Streamlines the logistics of blood culture vial distribution on the wards.
442153	1 kit	BD BACTEC™ - BD FOS™ Culture Supplement Kit
		BD BACTEC™ FOS™ (Fastidious Organism Supplement) Culture Supplement Kit. Recommended for sterile body fluids other than blood, particularly for CSF specimens. BD FOS™ is provided in a lyophilised form along with a special BD BACTEC™ FOS™ Reconstituting Fluid (BD FOS™ RF) for use with BD BACTEC™ culture media to enhance the growth of fastidious organisms, such as <i>Haemophilus</i> spp. and <i>Neisseria</i> spp. 1 set is sufficient to inoculate 20 - 24 blood culture vials.

## BD Bactec™ Accessories

PRODUCT CODE	SIZE	DESCRIPTION
445529	500	BD BACTEC™ - Barcode Labels
		Extra Vial Sequence barcode labels can be used to replace damaged or unreadable labels on culture vials. The barcode contains sequence numbers which uniquely identify each vial. Universal labels for BD BACTEC™ Media.
445853	1	BD BACTEC™ - Temperature Test Vials
		For BD BACTEC™ 9210 and 9240.
249560	50	Subculture/Aerobic Vent
		A safe and easy method for subculturing from BACTEC™ vials.
445519	1	Placard Icon English
		Magnetic barcode scanner panel for BACTEC™ 9000 series.
445518	2	BD BACTEC™ - Vial Tray
		Stainless steel rack for holding 12 BACTEC™ vials.
271056	100	Sub/Venting Units for Culture Bottles
445771	100	BD BACTEC™ - Bottle Holder
		Plastic pod for transport of a single BD BACTEC™ vial.
See Description		BD BACTEC™ - SafePod Sysem - Double Pod Assembly
		For safe transportation of BD BACTEC™ bottles around the hospital and between sites. Conforms to UN3373 transportation guidelines. For 200 Double Pods (2 bottles per pod), order: 4 x 257530 - BD BACTEC™ SafePod Bottle Carrier (Box of 100) 4 x 257533 - BD BACTEC™ SafePod Clip Frame (Box of 50) 1 x 257531 - BD BACTEC™ SafePod Absorbent Fillet (Box of 200)
See Description		BD BACTEC™ - SafePod Sysem - Single Pod Assembly
		For safe transportation of BD BACTEC™ bottles around the hospital and between sites. Conforms to UN3373 transportation guidelines. For 200 Single Pods (1 bottle per pod), order: 2 x 257530 - BD BACTEC™ SafePod Bottle Carrier (Box of 100) 4 x 257533 - BD BACTEC™ SafePod Clip Frame (Box of 50) 2 x 257532 - BD BACTEC™ SafePod Blank Insert (Box of 50) 1 x 257531 - BD BACTEC™ SafePod Absorbent Fillet (Box of 200)

# Collection & Transport Systems



## **BD Difco™ Inoculation Loops & Needles**

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## **BD Specimen Collection & Transport Systems**

BD Falcon™ Sputum Collection System . . . . .	10
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# Collection & Transport Systems

## BD Difco™ Inoculation Loops & Needles

### BD Difco™ Inoculation Loops & Needles



PRODUCT CODE	SIZE	DESCRIPTION
220214	250	Sterile disposable Inoculating Loops - 1 µl (Light Green)
220215	1000	Sterile disposable Inoculating Loops - 1 µl (Light Green)
220216	250	Sterile disposable Inoculating Loops - 10 µl (Light Blue)
220217	1000	Sterile disposable Inoculating Loops - 10 µl (Light Blue)
220218	1000	Sterile disposable Inoculating Needles - 1 µl (Violet)

## BD Specimen Collection & Transport Systems

### BD Falcon™ Sputum Collection System



Engineered for safer sputum collection, transport and handling.

This patented system has been engineered to help protect healthcare workers from accidental exposure to contagious specimens. The specimen is collected directly into a shatter-resistant conical Falcon™ tube, then a protective flap seals off the collection end. The unique hinged design allows for a screw cap to be tightened over the specimen tube without the clinician touching the cap or the collection end of the tube.

PRODUCT CODE	SIZE	DESCRIPTION
290020	72	Falcon™ Sputum Collection System

### BD BBL™ CultureSwab™ MaxV Collection & Transport Swabs



BD CultureSwab MaxV is designed for the collection and transport of aerobes and is available with Liquid Stuart or Liquid Amies.

BD CultureSwab MaxV(+) is available with an Amies Gel without Charcoal for sampling both aerobic and anaerobic organisms.

The swab consists of a soft rayon tip embedded with hypoallergenic, non-animal proteins, which allows for a higher level of recovery of organisms.

Suitable for throat, vaginal, skin and wound specimens.

PRODUCT CODE	SIZE	DESCRIPTION
220231	50	CultureSwab™ MaxV - Liquid Amies, Single Swab
220232	50	CultureSwab™ MaxV - Liquid Amies, Double Swab
220233	50	CultureSwab™ MaxV - Liquid Stuart, Single Swab
220234	50	CultureSwab™ MaxV - Liquid Stuart, Double Swab
220235	50	CultureSwab™ MaxV(+) - Amies Gel w/o Charcoal, Single Swab
220236	50	CultureSwab™ MaxV(+) - Amies Gel w/o Charcoal, Double Swab

## BD BBL™ CultureSwab™ Collection & Transport Swabs

*Designed for Collection and Transport of Aerobes.*

*These swabs are ideal for Gram staining procedures because of minimal interference or dilution from the transport medium. Each CultureSwab™ comprises a sterile peel-pouch containing a rayon-tipped swab applicator used to collect the sample and a tube containing transport medium into which the swab is placed after sampling. The transport media are non-nutritious, buffered with phosphate and provide a reduced environment due to their formulation with sodium thioglycollate.*

PRODUCT CODE	SIZE	DESCRIPTION
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220093	50	CultureSwab™ - Liquid Amies, Single Swab
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220099	50	CultureSwab™ - Liquid Stuart, Single Swab
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220109	50	CultureSwab™ - Liquid Stuart, Double Swab
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For throat, vaginal, skin and wound specimens.

220133	50	CultureSwab™ - Liquid Stuart, Mini-tip, Single Swab
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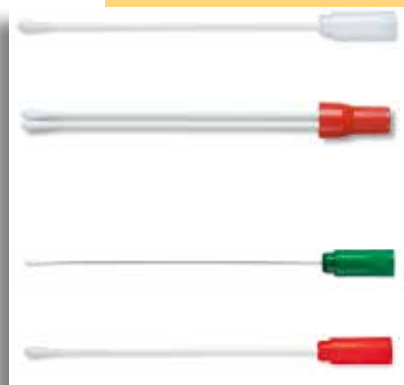
For male urethral sampling, as well as ear, nose, throat and eye specimens. Mini-tip swab on a soft aluminium wire.

220097	50	CultureSwab™ - Cary-Blair Agar, Single Swab
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For faecal specimens, fastidious organisms and enteric pathogens.

220115	100	CultureSwab™ - Sterile, Single Swab without medium
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For general specimens & general laboratory use.



## BD BBL™ CultureSwab™ EZ Collection & Transport Swabs

*Media-free Aerobic Transport.*

*The BBL CultureSwab™ EZ and CultureSwab™ EZ II collection and transport systems are simple to use and media-free. The patented polyurethane swab utilises a special polyurethane open-celled structure that protects and releases organisms from their own environment. Like a sponge, the open pores pick up the organisms from their environment and protects them in a state of homeostasis during transport. The medium-free nature of the system prevents specimen dilution and nonviable organisms that can be present with devices containing transport media..*

PRODUCT CODE	SIZE	DESCRIPTION
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220144	100	CultureSwab™ EZ - Single Swab
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220145	100	CultureSwab™ EZ II - Double Swab
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## BD BBL™ CultureSwab™ Plus Collection & Transport Swabs

*The BBL CultureSwab™ Plus Collection and Transport System features Amies Agar gel media with oxygen-scavenging agents, for sampling of both aerobic and anaerobic organisms.*

PRODUCT CODE	SIZE	DESCRIPTION
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220116	50	BD CultureSwab™ PLUS - Amies Gel without Charcoal, Single Swab
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For throat, vaginal, skin and wound specimens. Contains a sterile polyurethane foam single swab with Amies gel but no charcoal. Single swab with plastic shaft.

220121	50	BD CultureSwab™ PLUS - Amies Gel with Charcoal, Single Swab
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For throat, urogenital and wound specimens. Single swab with plastic shaft.







## BD BBL™ Port-A-Cul™ Transport Systems

*Gold-Standard Anaerobe Viability.*

*Port-A-Cul Transport Systems offer a unique non-nutritive pre-reduced transport medium that retards diffusion of oxygen after specimen addition, and supports the viability of anaerobic organisms for up to 72 hours.*

PRODUCT CODE	SIZE	DESCRIPTION
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221606	10	Port-A-Cul™ Tube
221607	10	Port-A-Cul™ Tube, Sterile (includes sterile rayon swab)
221608	10	Port-A-Cul™ Vial
221609	10	Port-A-Cul™ Vial, Sterile
221602	10	Port-A-Cul™ Transport Jars, Sterile

## BD BBL™ Vacutainer™ Anaerobic Specimen Collector

*The only media-free system for anaerobic specimen collection.*

*The device offers a built-in oxygen-elimination system that's achieved by depressing a plunger and a reliable colour-change indicator to ensure that anaerobic conditions have been achieved. Plus, the medium-free environment keeps the specimen moist while allowing direct, fast and easy plating in the laboratory.*

PRODUCT CODE	SIZE	DESCRIPTION
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236500	100	Vacutainer™ Anaerobic Specimen Collector
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## BD Universal Viral Transport (UVT) System

*Room-temperature viability for viruses, Chlamydiae, Mycoplasmas and Ureaplasmas.*

*BD Universal Viral Transport (UVT) System includes a single formulation that is room temperature stable. BD UVT can sustain viability (and infectivity) of a plurality of organisms that include clinically important viruses, chlamydiae, mycoplasmas and ureaplasmas. The formulation of the medium is specially designed to include protein for stabilisation, antibiotics to minimise bacterial and fungal contamination and a buffer to maintain a neutral pH. As a result, viruses and chlamydiae can be preserved for long-term storage when frozen. Polyester-tipped swabs.*

PRODUCT CODE	SIZE	DESCRIPTION
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220220	50	Universal Viral Transport (UVT) Medium - 3ml vial
220221	50	UVT Standard Kit (3ml vial with 2 regular swabs)
220222	50	UVT Combo Kit (3ml vial with 1 regular swab & 1 minitip swab)
220239	100	UVT Standard Swabs - 2 regular swabs per pouch
220240	100	UVT Combo Swabs - 1 regular swab & 1 minitip swab per pouch



## BD Falcon™ SWUBE™ Collection and Transport Swabs

*A simple, flexible and effective way to collect, transport, protect and store specimens. Provided without media to enable dry sample transport, or alternatively can be used with your own reagents, media or solutions.*

PRODUCT CODE	SIZE	DESCRIPTION
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220210	200	SWUBE™ - Single cotton swab, screw cap
220710	200	SWUBE™ - Single polyester swab, screw cap
220690	1000	SWUBE™ - Single polyester swab, screw cap
220090	200	SWUBE™ - Single cotton swab, friction cap
281130	200	SWUBE™ - Dual cotton swab, screw cap



## BD Sterile Pack Swabs

BD Sterile Pack Swabs are used to collect microbial samples in clean rooms, isolators and other critical environments where the RODAC plates for surface sampling cannot be used. The swabs are pre-moistened to significantly improve the uptake of sample material particularly when sampling dry surfaces.

**PRODUCT CODE**      **SIZE**      **DESCRIPTION**

220518      200      Sterile Pack Swabs

Maximum sterility with double wrapped packaging, gamma-irradiation and performance-validation.

Product Features:

- Packaged 50 to a box, with 10 single wrapped swabs in each double-wrapped pouch
- Polypropylene tube is pre-filled with a 10ml rinse solution
- Simple sampling and transport—easy-to-use swab is fixed to the screw cap
- Complies with ISO guidelines
- Each lot comes with a Certificate of Analysis
- ATP-free, Dacron™ swab
- Saves time, no need to create your own media and swab/solution set in-house
- Convenient and cost-effective solution
- One year shelf-life, at room temperature storage



## BD ProbeTec™ Collection & Transport Systems

**PRODUCT CODE**      **SIZE**      **DESCRIPTION**

220142	100	BD ProbeTec™ ET - Collection Kit for Endocervical Specimens "Female Wet Swab"
220143	100	BD ProbeTec™ ET - Collection Kit for Male Urethral Specimens "Male Wet Swab"
440476	100	BD ProbeTec™ Culturette™ Direct - Collection and Transport System "Female Dry Swab"
440461	100	BD ProbeTec™ Mini-Tip BD Culturette™ Direct "Male Dry Swab"
440928	100	BD ProbeTec™ Urine Preservative Transport Kit



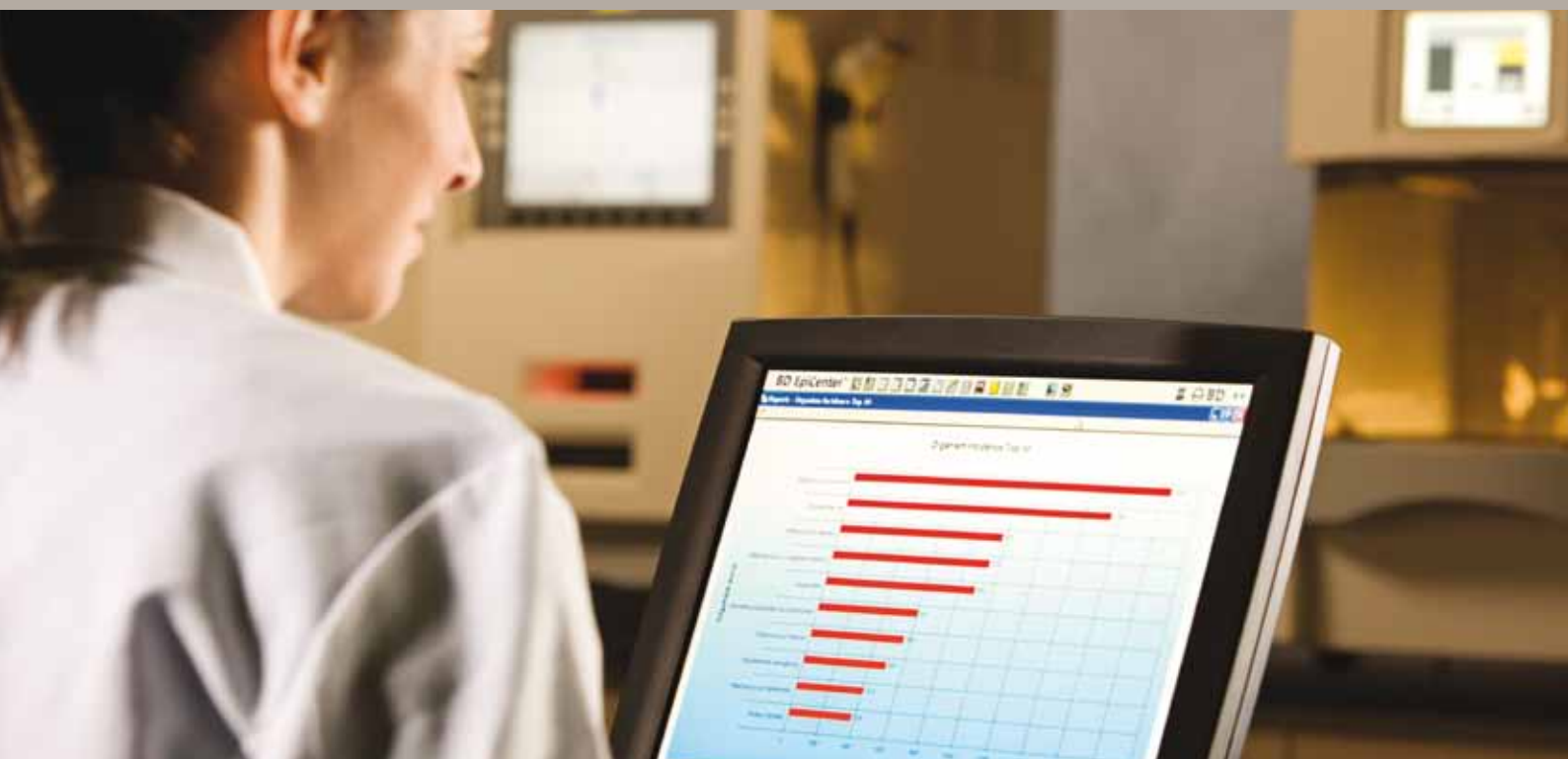
## BD Viper™ XTR Collection & Transport Systems

**PRODUCT CODE**      **SIZE**      **DESCRIPTION**

441122	100	Vaginal Specimen Transport for CT/GC Q× Amplified DNA Assays
441357	100	Female Endocervical Specimen Collection Kit for CT/GC Q× Amplified DNA Assays
441358	100	Male Urethral Specimen Collection Kit for CT/GC Q× Amplified DNA Assays
441362	100	Urine Preservative Transport for CT/GC Q× Amplified DNA Assays



# Data Management, Statistics & Epidemiology



## **BD EpiCenter™ Advanced Data Management System**

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BD EpiCenter™ for BD BACTEC™ MGIT™ 960 . . . . .	15
BD EpiCenter™ for BD Phoenix™ . . . . .	15
BD EpiCenter™ for You. . . . .	15

# BD EpiCenter™ Advanced Data Management System

## BD EpiCenter™ for BD BACTEC™ 9000

PRODUCT CODE	SIZE	DESCRIPTION
256660	1	BD EpiCenter™ - UTP Cable (20 m)
256661	1	BD EpiCenter™ - 3Com Etherlink III Card
256662	1	BD EpiCenter™ - Lantastic Software

## BD EpiCenter™ for BD BACTEC™ MGIT™ 960

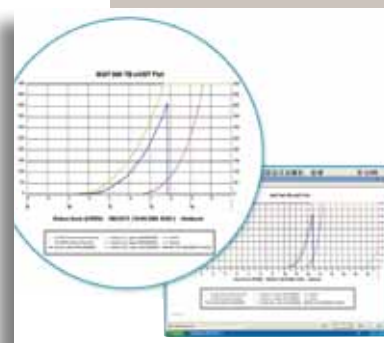
PRODUCT CODE	SIZE	DESCRIPTION
256644	1	BD EpiCenter™ - Workstation
256645	1	BD EpiCenter™ - 15 inch Monitor

## BD EpiCenter™ for BD Phoenix™

PRODUCT CODE	SIZE	DESCRIPTION
256628	1	BD EpiCenter™ - Starter Kit
441007	1	BD EpiCenter™ - Data Management System, Software

## BD EpiCenter™ for you

Many other platforms and configurations of BD EpiCenter are available. To find out more, please contact your local sales representative.



# Get the most out of your research

## BD Agars & Culture Media



PRODUCT CODE	SIZE	DESCRIPTION
220225	1	Difco & BBL Manual, 2nd Edition

## Because Quality in $\Rightarrow$ Quality out

The pressure to get results within the limited time of your research can be difficult - especially when dealing with organisms which need time to grow.

This is where BD can help. With over a hundred years experience supplying microbial culture media and ingredients, our products are designed specifically to meet your growth requirements.

Whether you want to maximise yield, optimise growth, selectively

enrich, identify, or just maintain stock cultures, BD has a medium for you.

Now there is an additional resource available to help with your research: The Difco™ & BBL™ Manual of Microbiological Culture Media.

This 686-page handbook provides formulations, colour pictures and explanations of how each component of the medium works, plus scientific references for each medium type.



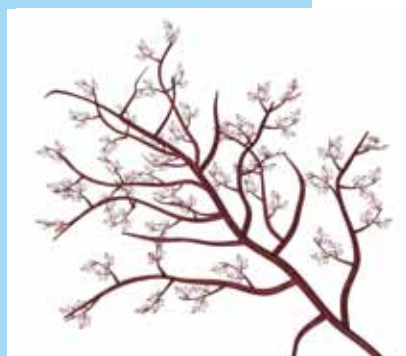
# Dehydrated Culture Media (DCM)



## BD Culture Media & Ingredients

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# Dehydrated Culture Media (DCM)



## BD Culture Media & Ingredients

### Gelling Agents: Agar and Gelatin

PRODUCT CODE	SIZE	DESCRIPTION
212304	500 g	Agar (Grade A)  Agar, Grade A is a high-grade agar, specially processed for microbiological purposes. It is routinely used as a solidifying agent in microbiological media.
214510	2 kg	Agar (Granulated)  Used as a solidifying agent for culture media. Carefully monitored for cultural response, solubility and gelation temperature. High quality agar for use in clinics and biotechnology, equivalent to BD BiTek™. Suitable for culturing recombinant strains of <i>Escherichia coli</i> (HB 101) and <i>Saccharomyces cerevisiae</i> . May be used for general bacteriological purposes where clarity is not a strict requirement.
214520	10 kg	
214530	500 g	
214220	100 g	Agar (Noble)  Noble Agar is extensively washed and bleached. This agar should be used for immunodiffusion, some electrophoretic applications, as a substrate for mammalian and plant tissue culture, nutritional procedures and in preparing microbiological culture media when increased purity is required.
214230	500 g	
214010	454 g	Agar (Purified)  Purified Agar in which extraneous matter, pigmented portions and salts are reduced to a minimum. Used for the determination of motility and the growth of anaerobes and microaerophiles.
214030	2 kg	
214040	10 kg	
214050	100 g	
281210	2 kg	Agar (Technical)  Agar, Technical is a solidifying agent used in preparing microbiological culture media. Although Agar, Technical has wider quality control parameters than other bacteriological agars, solubility, gelation temperature and solidity are carefully monitored.
281230	500 g	
214340	500 g	Gelatin  Gelatin is a protein of uniform molecular constitution derived chiefly from the hydrolysis of collagen. Collagens are a class of albuminoids found abundantly in bones, skin, tendon, cartilage and similar tissues of animals. Gelatin is used in culture media to detect gelatin liquefaction by bacteria and as a nitrogen and amino acid source.
214320	10 kg	
212272	500 g	Agarose  Agarose is a complex galactose polysaccharide of near neutral charge. It is specially prepared and is intended mainly for use in gel electrophoresis.

### Culture & Analysis Media: BD Bacto™, BD BBL™ and BD Difco™ Quality

PRODUCT CODE	SIZE	DESCRIPTION
218231	500 g	A-1 Medium  For detecting faecal coliforms in water.

274210	500 g	Acetate Differential Agar
Differentiation of members of <i>Shigella</i> genus from <i>Escherichia</i> genus.		
212168	500 g	Actinomycete Isolation Agar
For isolating and cultivating actinomycetes from soil and water. Use with Glycerol (Cat. Nos. 228210 & 228220)		
210912	500 g	AK Agar No. 2 (Sporulating Agar)
Culture medium for the preparation of spore suspensions for use in procedures for the detection of antibiotic residues in milk and dairy products.		
218151	500 g	Anaerobe Broth MIC
Used for susceptibility testing of anaerobes by the broth dilution technique.		
253610	500 g	Anaerobic Agar
General purpose medium for anaerobic bacteria.		
226340	500 g	Antibiotic Medium 1
Penassay Seed Agar. Microbiological assay of antibiotics.		
227020	500 g	Antibiotic Medium 2
Penassay Seed Agar. Microbiological assay of antibiotics.		
224320	500 g	Antibiotic Medium 3
210932	500 g	Penassay Broth. Microbiological assay of antibiotics.
224310	2 kg	
224410	500 g	Antibiotic Medium 4
Yeast Beef Agar. Microbiological assay of antibiotics.		
227710	500 g	Antibiotic Medium 5
Streptomycin Assay Agar. Microbiological assay of antibiotics.		
266710	500 g	Antibiotic Medium 8
Same as Medium 2, except for the final pH after autoclaving.		
246210	500 g	Antibiotic Medium 9
Polymyxin Base Agar. Microbiological assay of antibiotics.		
246310	500 g	Antibiotic Medium 10
Polymyxin Seed Agar. Microbiological assay of antibiotics.		
259310	500 g	Antibiotic Medium 11
Erythromycin/Neomycin Agar. Microbiological assay of antibiotics.		
266910	500 g	Antibiotic Medium 12
Microbiological assay of antibiotics.		
243100	500 g	Antibiotic Medium 19
Microbiological assay of antibiotics.		
265430	500 g	APT Agar
Used for culturing <i>Weissella</i> ( <i>Lactobacillus</i> ) <i>viridescens</i> ATCC™ 12706 used in the assay of thiamine. It is also used for cultivating heterofermentative lactobacilli and other organisms requiring high thiamine content.		





265510	500 g	APT Broth	Used for culturing <i>Weissella (Lactobacillus) viridescens</i> ATCC™ 12706 used in the assay of thiamine. It is also used for cultivating heterofermentative lactobacilli and other organisms requiring high thiamine content.
240920	100 g	Azide Blood Agar Base	Used for isolating streptococci and staphylococci and, supplemented with blood, for determining haemolytic reactions.
245710	100 g	B12 Assay Medium	Used for determining vitamin B12 concentration by the microbiological assay technique.
254110	100 g	B12 Culture Agar	Used for cultivating <i>Lactobacillus delbrueckii</i> subsp. <i>lactis</i> ATCC™ 7830 used in the Vitamin B12 Activity Assay.
254210	100 g	B12 Inoculum Broth	Used for preparing the inoculum of <i>L. delbrueckii</i> subsp. <i>lactis</i> ATCC™ 7830 used in the Vitamin B12 Activity Assay.
276840	500 g	Baird-Parker Agar Base	Used for the preparation of Egg Tellurite Glycine Pyruvate Agar (ETGPA). May also be used for the identification of staphylococci on the basis of their ability to clear egg yolk. Use with EY Tellurite Enrichment (Cat. Nos. 277910 and 212357) for the detection and enumeration of coagulase-positive staphylococci from food, skin, soil, air and other materials.
276810	2 kg		
212327	500 g	BCYE Agar Base	Used in qualitative procedures for isolation of <i>Legionella</i> species from clinical specimens and nonclinical (environmental) samples. Use with Legionella Agar Enrichment, Cat. No. 233901.
213210	500 g	Beef Heart for Infusion	Component of Heart Infusion Media, used in the mass production of microorganisms for vaccine production and specified in standard methods of other multiple applications.
271710	500 g	BG Sulfa Agar	Used for isolating <i>Salmonella</i> .
211027	500 g	BiGGY Agar	BiGGY (Bismuth Sulfite Glucose Glycine Yeast) is a selective and differential medium used in the detection, isolation and presumptive identification of <i>Candida</i> species.
299068	500 g	Bile Esculin Agar	Used to differentiate enterococci and the <i>Streptococcus bovis</i> group from other streptococci.
241910	100 g	Biotin Assay Medium	For determining biotin concentration by the microbiological assay technique using <i>Lactobacillus plantarum</i> ATCC 8014 as a test organism.
273300	500 g	Bismuth Sulfite Agar	Bismuth Sulfite Agar is a highly selective medium used for isolating <i>Salmonella</i> spp., particularly <i>Salmonella</i> serotype Typhi, from food and clinical specimens. Bismuth Sulfite Agar is a modification of the Wilson and Blair formula.
211037	500 g	Blood Agar Base	Infusion medium for isolation and cultivation of a wide variety of microorganisms. Can be used with added blood for cultivation of fastidious microorganisms.
211038	5 lb		
248200	500 g	Bordet Gengou Agar Base	Used with added blood and glycerol in qualitative procedures for the detection and isolation of <i>Bordetella pertussis</i> from clinical specimens. Use with Glycerol. (Cat. Nos. 228210 & 228220.)

211057	500 g	Brain Heart CC Agar	Selective medium used for the isolation of pathogenic fungi from specimens heavily contaminated with bacteria and saprophytic fungi. It also serves as the base for enriched and more selective media when supplemented with sheep blood and antibiotics.
241820	100 g	Brain Heart Infusion Agar	General-purpose medium suitable for the cultivation of a wide variety of organism types, including bacteria, yeasts and moulds. With the addition of 5% or 10% sheep blood, it is used for the isolation and cultivation of a wide variety of fungal species, including systemic fungi from clinical and nonclinical specimens.
241830	500 g		
211065	500 g		
241810	2 kg		
299069	500 g	Brain Heart Infusion Agar, Modified	General purpose medium, differing from Brain Heart Infusion Agar by the quantities of the infusion and peptone components utilised.
237400	100 g	Brain Heart Infusion Broth	General-purpose liquid medium used in the cultivation of fastidious and nonfastidious microorganisms, including aerobic and anaerobic bacteria from a variety of clinical and nonclinical materials. It serves as a base for supplemented media containing 0.1% agar, Fildes enrichment or 6.5% sodium chloride.
237500	500 g		
211059	500 g		
237300	1 kg		
237200	2 kg		
211061	25 lb		
299070	500 g	Brain Heart Infusion Broth, Modified	For the cultivation of fastidious organisms; contains modified quantities of the ingredients and contains pancreatic digest of casein instead of pancreatic digest of gelatin.
256120	500 g	Brain Heart Infusion, Porcine	For the cultivation of fastidious microorganisms using porcine as an alternate peptone source.
211069	500 g	Brain Heart Infusion with PABA	BHI with para-aminobenzoic acid (PAB or PABA) is a medium used for the examination of blood from patients who have received sulfonamide therapy.
249910	500 g	Brain Heart Infusion with PAB and Agar	For the examination of blood from patients who have received sulfonamide therapy.
250220	10 kg	Brain Heart Infusion Without Dextrose	Basal medium used with carbohydrates for fermentation studies.
227920	500 g	Brewer Anaerobic Agar	For cultivation of anaerobic and microaerophilic bacteria.
228530	500 g	Brilliant Green Agar	Highly selective medium for the isolation of <i>Salmonella</i> other than <i>Salmonella</i> Typhi from faeces and other materials. Can be used with Novobiocin Antimicrobial Supplement (Cat. No. 231971).
218801	500 g	Brilliant Green Agar, Modified	Brilliant Green Agar Modified is more selective than Desoxycholate Citrate Agar and other brilliant green media, and inhibits the growth of <i>Pseudomonas aeruginosa</i> and partially inhibits the growth of <i>Proteus</i> spp. which may resemble <i>Salmonella</i> .
214100	500 g	Brilliant Green Bile Agar	For isolating, differentiating and enumerating coliform bacteria.
274000	500 g	Brilliant Green Bile Broth 2%	Brilliant Green Bile Broth 2% (Brilliant Green Lactose Bile Broth) is used for the detection of coliform organisms in foods, dairy products, water and wastewater, as well as in other materials of sanitary importance.
271000	2 kg		







271710	500 g	Brilliant Green Sulfa Agar	For the selective isolation of <i>Salmonella</i> (not <i>S. Typhi</i> ) from stool and other media after preenrichment. Can be used with SBG Sulfa Enrichment (Cat. No. 271510)
211086	500 g	Brucella Agar	A culture medium for the cultivation of <i>Brucella</i> organisms.
211088	500 g	Brucella Broth	Used for the cultivation of <i>Brucella</i> species and for the isolation and cultivation of a wide variety of fastidious and non-fastidious microorganisms.
212367	500 g	Buffered Peptone Water	
218105	500 g		Pre-enrichment for injured <i>Salmonella</i> species from food specimens to increase recovery.
218103	2 kg		
212345	5 lb		
218104	10 kg		
214939	500 g	Buffered Peptone Casein Water	
214938	10 kg		Pre-enrichment for injured <i>Salmonella</i> species from food specimens to increase recovery.
257820	500 g	Bushnell-Haas Broth	Used for studying microbial utilisation of hydrocarbons.
218201	2 kg	Campylobacter Agar Base	Campylobacter Agar Base, when supplemented with blood or other additives and antimicrobial agents, is used for the primary isolation and cultivation of <i>Campylobacter jejuni</i> subsp. <i>jejuni</i> from human faecal specimens.
283510	500 g	Candida BCG Agar Base	Candida Bromcresol Green (BCG) Agar is a differential and selective medium used for primary isolation and detection of <i>Candida</i> species from clinical specimens.
211102	500 g	Cary and Blair Transport Medium	Used for collecting, transporting and preserving microbiological specimens, particularly those containing <i>Vibrio cholerae</i> .
211106	500 g	Casman Agar Base	Used for the cultivation of fastidious pathogenic organisms, such as <i>Haemophilus influenzae</i> and <i>Neisseria gonorrhoeae</i> , from clinical specimens.
285420	500 g	Cetrimide Agar Base - BD Pseudoseal™ Agar	Used for the selective isolation and identification of <i>Pseudomonas aeruginosa</i> . Use with Glycerol (Cat. Nos. 228210 & 228220)
211805	500 g	Chapman Stone Medium	Used for isolating and differentiating staphylococci based on mannitol fermentation and gelatinase activity.
289410	500 g	Charcoal Agar	Cultivation of fastidious organisms, particularly <i>Bordetella pertussis</i> , for vaccine production and stock culture maintenance.
212218	500 g	CLED Agar	Cystine-Lactose-Electrolyte-Deficient (CLED) Agar is used for the isolation, enumeration and presumptive identification of microorganisms from urine.
228950	500 g	Chocolate Agar Base (GC Medium)	Use with Haemoglobin or Haemoglobin 2%, Antimicrobial Vial CNV or CNVT, Supplement A, B, C or VX. Cultivation of <i>N. gonorrhoeae</i> and other fastidious organisms.

211116	500 g	Coagulase Mannitol Agar
Used for the differentiation of <i>Staphylococcus aureus</i> from other species based on coagulase production and mannitol fermentation.		
211124	500 g	Columbia Agar Base
211125	5 lb	A highly nutritious, general-purpose medium for the isolation and cultivation of non-fastidious and fastidious microorganisms from a variety of clinical and non-clinical materials.
211126	25 lb	
279240	500 g	Columbia Blood Agar Base
279220	2 kg	Infusion-free basal medium to use with or without blood for the cultivation of fastidious microorganisms.
279230	10 kg	
279030	500 g	Columbia Blood Agar Base EH
279010	2 kg	Infusion-free basal medium to use with blood for enhanced beta-haemolytic reactions after overnight incubation and for cultivation of fastidious microorganisms, particularly <i>Helicobacter pylori</i> .
279020	10 kg	
294420	500 g	Columbia Broth
Cultivation of fastidious microorganisms. Particularly recommended for blood culture because of its ability to grow a wide range of microorganisms.		
212104	500 g	Columbia CNA Agar
294221	5 lb	Used with blood for the selective isolation of Gram-positive cocci; contains Colistin and Nalidixic-Acid.
212249	25 lb	
297596	500 g	Columbia II Agar
A highly nutritious general purpose medium for the isolation and cultivation of non-fastidious and fastidious microorganisms from a variety of clinical and nonclinical material.		
270310	500 g	Cooke Rose Bengal Agar
For isolating fungi from environmental and food specimens. Use with Antimicrobial Vial A (Cat. No. 233331)		
226730	500 g	Cooked Meat Medium
For the cultivation of anaerobic bacteria and maintenance of stock cultures, especially pathogenic clostridia.		
211132	500 g	Corn Meal Agar
General-purpose medium for the cultivation of fungi.		
211094	500 g	CTA Agar
For Carbohydrate fermentation tests with cornyebacteria and especially for differentiation of <i>C. diphtheriae</i> from related species.		
211096	500 g	BD CTA Medium™
252310	500 g	Cystine Tryptic Agar Medium. Culture medium for the maintenance of microorganisms. Also used for the detection of bacterial motility and, with added carbohydrate, for fermentation reactions of fastidious microorganisms, i.e. <i>Neisseria</i> , pneumococci, streptococci and non-sporeforming anaerobes.
246710	100 g	Cystine Assay Medium
Used for determining L-cystine concentration by the microbiological assay technique.		
247100	500 g	Cystine Heart Agar
Used with haemoglobin (Cat. Nos. 212392 & 211874) for cultivating <i>Francisella tularensis</i> and without enrichment for cultivating Gram-negative cocci and other microorganisms.		
233910	500 g	Czapek Solution Agar
Used for cultivating fungi and bacteria capable of using inorganic nitrogen.		





233810	500 g	Czapek-Dox Broth	Used for cultivating fungi and bacteria capable of using inorganic nitrogen.
211144	500 g	DCLS Agar	DCLS Agar (Desoxycholate Citrate Lactose Sucrose Agar) is a moderately selective culture medium for the isolation of <i>Salmonella</i> and <i>Shigella</i> species from faecal specimens.
268620	500 g	D/E Neutralising Agar	D/E (Dey/Engley) Neutralising Agar has the ability to neutralise antimicrobial chemicals and is used for environmental sampling for the detection and enumeration of microorganisms present on surfaces of sanitary importance.
268610	10 kg		
281910	500 g	D/E Neutralising Broth	Used for the neutralisation and testing of antiseptics and disinfectants according to the procedure of Engley and Dey.
289020	500 g	Decarboxylase Base Moeller	Used to differentiate bacteria based on ability to decarboxylate amino acids.
211430	500 g	Decarboxylase Broth Base Moeller	Use with added lysine, arginine or ornithine for the differentiation of Gram-negative enteric bacilli based on the production of arginine dihydrolase and lysine and ornithine decarboxylase.
287220	500 g	Decarboxylase Medium Base	Used to differentiate bacteria based on ability to decarboxylate amino acids.
265320	500 g	Demi-Fraser Broth Base	For use with Fraser Broth Supplement (Cat. No. 211742) in selectively and differentially enriching <i>Listeria</i> from foods.
265310	10 kg		
212330	500 g	Dermatophyte Test Medium Base	Dermatophyte Test Medium (DTM) is a selective and differential medium used for the detection and presumptive identification of dermatophytes from clinical and veterinary specimens.
227310	500 g	Desoxycholate Agar	Desoxycholate Agar is a slightly selective and differential plating medium used for isolating and differentiating Gram-negative enteric bacilli.
227410	500 g	Desoxycholate Citrate Agar	Desoxycholate Citrate Agar is a moderately selective and differential plating medium used for isolating enteric bacilli, particularly <i>Salmonella</i> and <i>Shigella</i> species.
242010	500 g	Desoxycholate Lactose Agar	A slightly selective and differential plating medium used for isolating and differentiating Gram-negative enteric bacilli and for enumerating coliforms from water, waste water, milk and dairy products.
267100	500 g	Dextrose Agar	Used for cultivating fastidious microorganisms with or without added blood.
263100	500 g	Dextrose Broth	Used for cultivating fastidious microorganisms and for detecting gas from enteric bacilli.
266200	500 g	Dextrose Starch Agar	Used for cultivating pure cultures of <i>Neisseria gonorrhoeae</i> and other fastidious microorganisms.
280100	500 g	Dextrose Tryptone Agar	Used for cultivating thermophilic "flat-sour" microorganisms associated with food spoilage.

264120	500 g	Differential Reinforced Clostridial Agar (DRCA)	Differential medium used for the detection of deoxyribonuclease activity to aid in the identification of bacteria isolated from clinical specimens.
211179	500 g	DNase Test Agar	
263220	500 g	Differential medium used for the detection of deoxyribonuclease activity to aid in the identification of bacteria isolated from clinical specimens.	
222020	500 g	DNase Test Agar with Methyl Green	Deoxyribonuclease test for differentiation of <i>S. aureus</i> and <i>S. marcescens</i> from organisms with similar characteristics.
258710	500 g	DRBC Agar	Dichloran Rose Bengal Chloramphenicol Agar supports good growth of yeasts and moulds while inhibiting bacteria and the spreading of rapidly growing moulds.
238510	500 g	Dubos Broth Base	Dubos Broth Base is used with Dubos Medium Albumin (Cat. No. 230910) for rapidly cultivating pure cultures of <i>Mycobacterium tuberculosis</i> .
237310	500 g	Dubos Oleic Agar Base	Dubos Oleic Agar Base is used with Dubos Oleic Albumin Complex (Cat. No. 237510) and penicillin for isolating and determining the susceptibility of <i>M. tuberculosis</i> .
231430	500 g	EC Medium	
231410	10 kg	Differentiation and enumeration of faecal and non-faecal coliforms in water, waste water, shellfish and foods.	
234020	500 g	EC Medium, Modified	Use with Novobiocin Antimicrobial Supplement (Cat. No. 231971) for the pre-enrichment of food samples (meat and poultry products) prior to the detection of <i>E. coli</i> O157:H7
222200	500 g	EC Medium with MUG	EC Medium with MUG is used for detecting <i>Escherichia coli</i> in water, food and milk.
256620	500 g	EE Broth Mossel Enrichment	
297005	500 g	Use for selectively enriching and detecting enterobacteriaceae, particularly from foods.	
212183	500 g	Elliker Broth	Elliker Broth, also known as Lactobacilli Broth, is used for cultivating streptococci and lactobacilli, particularly in dairy procedures.
211199	500 g	Endo Agar	A differential and slightly selective culture medium for the detection of coliform and other enteric microorganisms.
212205	500 g	Enterococcosel™ Agar	BD Enterococcosel™ Agar, a Bile Esculin Agar with Azide, is used for the rapid, selective detection and enumeration of enterococci.
212207	500 g	Enterococcosel™ Broth	BD Enterococcosel™ Broth, a Bile Esculin Broth with Azide, is recommended for use in the differentiation of enterococci and group D streptococci.
211221	500 g	Eosin Methylene Blue Agar, Levine	Eosin Methylene Blue Agar, Levine is a slightly selective and differential plating medium for the isolation of gram-negative enteric bacteria.
211191	500 g	Eosin Methylene Blue Agar, Levine, without Lactose	EMB Agar, Levine, without lactose is provided for convenience in genetic studies of enteric bacilli.
211215	500 g	Eosin Methylene Blue Agar, Modified (Holt-Harris & Teague)	A slightly selective and differential medium for the isolation, cultivation and differentiation of Gram-negative enteric bacilli from both clinical and non-clinical specimens.





248810	100 g	Esculin Iron Agar	Esculin Iron Agar (EIA substrate) is used for enumerating enterococci from water by membrane filtration based on esculin hydrolysis.
258910	500 g	Eugon Agar	A general-purpose medium used for cultivating a wide variety of microorganisms. Eugon Agar can be used with or without enrichment. Enriched with blood, Eugon Agar supports the growth of pathogenic fungi including <i>Nocardia</i> , <i>Histoplasma</i> and <i>Blastomyces</i> species. With the addition of BD Difco™ Supplement B (Cat. No. 227610), excellent growth of <i>Neisseria</i> , <i>Francisella</i> and <i>Brucella</i> is achieved. The unenriched medium supports rapid growth of lactobacilli associated with cured meat products, dairy products and other foods.
259010	500 g	Eugon Broth	A general-purpose medium used for the cultivation of fastidious and non-fastidious bacteria from a variety of clinical and non-clinical specimens.
212107	500 g	EVA Broth	EVA (Ethyl Violet Azide) Broth is used for detecting and confirming enterococci in water and other specimens as an indication of faecal contamination.
298710	500 g	Fletcher's Medium Base	An enriched, semisolid medium used for the cultivation of <i>Leptospira</i> .
225640	100 g	Fluid Thioglycollate Medium (FTM)	Used for the sterility testing of biologics and for the cultivation of anaerobes, aerobes and microaerophiles. Meets USP performance specifications.
225650	500 g		
211260	500 g		
225620	2 kg		
211263	5 lb		
225630	10 kg	211264	25 lb
211264	25 lb		
264210	500 g	Fluid Sabouraud Medium	Used for cultivating yeasts, moulds and aciduric microorganisms and for detecting yeasts and moulds in normally sterile materials. Meets USP, EP and JP performance specifications, where applicable.
231810	100 g	Folic Acid Assay Medium	Used in the microbiological assay of folic acid with <i>Enterococcus hirae</i> ATCC™ 8043 as the test organism.
282210	100 g	Folic Acid Casei Medium	Used for determining folic acid concentration by the microbiological assay technique.
212169	100 g	Folic AOAC Medium	Used for determining folic acid concentration by the microbiological assay technique.
211767	500 g	Fraser Broth Base	Use with Fraser Broth Supplement (Cat. No. 211742) for the selective enrichment and detection of <i>Listeria</i> .
211766	2 kg		
228950	500 g	GC Medium Base	Used with various additives in isolating and cultivating <i>Neisseria gonorrhoeae</i> and other fastidious microorganisms. Additives available are: Haemoglobin solution 2% (211874), Freeze-dried Bovine Haemoglobin (212392), Supplement B (227610), Supplement VX (233541 & 233542), IsoVitaleX Enrichment (211875 & 211876), VCN Inhibitor (212227 & 212228), VCNT Inhibitor (212408), VCA Inhibitor (212269) and VCAT Inhibitor (212404).
218091	500 g	Giolotti-Cantoni Broth Base	Used for enriching <i>Staphylococcus aureus</i> from foods during isolation procedures.



211279	500 g	GN Broth	Used for the selective enrichment of <i>Salmonella</i> and <i>Shigella</i> .
248610	500 g	GN Broth - Hajna	Used for the selective enrichment of <i>Salmonella</i> and <i>Shigella</i> .
268510	500 g	HC Agar Base	HC Agar Base, when supplemented with Polysorbate 80, is used for enumerating moulds in cosmetic products.
244400	500 g	Heart Infusion Agar	A general-purpose medium used in the cultivation of a wide range of microorganisms from a variety of clinical and non-clinical specimens.
244100	2 kg		
211839	10 kg		
238400	500 g	Heart Infusion Broth	Used for cultivating fastidious microorganisms.
238100	2 kg		
285340	500 g	Hektoen Enteric Agar	A moderately selective medium used in qualitative procedures for the isolation and cultivation of Gram-negative enteric microorganisms, especially <i>Shigella</i> spp., from a variety of clinical and non-clinical specimens.
285320	10 kg		
212392	500 g	Haemoglobin, Bovine (Freeze-Dried)	BD BBL™ Haemoglobin products are used in preparing microbiological culture media.
211299	500 g	Indole Nitrite Medium (BD Trypticase™ Nitrate Broth)	Used for the identification of microorganisms by means of the nitrate reduction and indole tests.
212222	100 g	Inositol Assay Medium	For determining inositol concentration by the microbiological assay technique.
276910	500 g	ISP Medium 1	International Streptomyces Project Tryptone Yeast Extract Broth.
277010	500 g	ISP Medium 2	International Streptomyces Project Yeast Malt Extract Agar.
277210	500 g	ISP Medium 4	International Streptomyces Project Inorganic Salts Starch Agar.
249610	500 g	KF Streptococcus Agar	Used with TTC Solution 1% (Cat. No. 231121 or 264310) in isolating and enumerating faecal streptococci.
212226	500 g	KF Streptococcus Broth	Used with TTC Solution 1% (Cat. No. 231121 or 264310) for isolating faecal streptococci.
211317	500 g	Kligler Iron Agar	Used for the differentiation of members of the <i>Enterobacteriaceae</i> on the basis of their ability to ferment dextrose and lactose and to liberate sulfides.
290010	100 g	Lactobacilli Agar AOAC	Used for maintaining stock cultures for microbiological assays of vitamins and amino acids.
290110	100 g	Lactobacilli Broth AOAC	Used for preparing inocula for microbiological assays of vitamins and amino acids.





288210	500 g	Lactobacilli MRS Agar
For use in the isolation, enumeration and cultivation of <i>Lactobacillus</i> species.		
288130	500 g	Lactobacilli MRS Broth
288110	2 kg	For use in the isolation, enumeration and cultivation of <i>Lactobacillus</i> species.
288120	10 kg	
243000	100 g	Lactose Broth
211835	500 g	Used for detecting the presence of coliform organisms, as a pre-enrichment broth for salmonellae and in the study of lactose fermentation of bacteria in general.
241000	2 kg	
242000	10 kg	
215620	500 g	Lactose Monohydrate
215610	10 kg	Used as a filler or diluent in tablets, capsules and lyophilised products.
266520	500 g	Lactose Peptone Broth
266510	10 kg	Detection of coliform organisms in water.
211338	500 g	Lauryl Sulfate Broth
Also known as Lauryl Sulfate Tryptose (LST) Broth. Used for the detection of coliform organisms in materials of sanitary importance.		
298076	500 g	Lauryl Sulfate Broth with MUG
With 4-Mehtylumbelliferyl- $\beta$ -D-glucuronide for fluorogenic testing. Used for the fluorogenic detection of <i>E. coli</i> in water, food and milk.		
224150	500 g	Lauryl Tryptose Broth
224120	2 kg	Also known as Lauryl Sulfate Tryptose (LST) Broth. Used for the detection of coliform organisms in materials of sanitary importance.
211740	100 g	Lauryl Tryptose Broth with MUG
211744	500 g	With 4-Mehtylumbelliferyl- $\beta$ -D-glucuronid for fluorogenic testing. Used for the fluorogenic detection of <i>E. coli</i> in water, food and milk.
240110	500 g	LB Agar, Lennox
For maintaining and cultivating recombinant strains of <i>Escherichia coli</i> .		
240230	500 g	LB Broth, Lennox
240210	2 kg	For maintaining and cultivating recombinant strains of <i>Escherichia coli</i> .
244520	500 g	LB Agar, Miller
244510	2 kg	For maintaining and propagating <i>Escherichia coli</i> in molecular microbiology procedures.
244620	500 g	LB Broth, Miller
244610	2 kg	For maintaining and propagating <i>Escherichia coli</i> in molecular microbiology procedures.
292438	500 g	LB Broth Base (Animal Free)
Select APS™ LB Broth Base is an animal-free medium used to grow and maintain recombinant strains of <i>Escherichia coli</i> .		
211327	500 g	LBS Agar
Lactobacillus Selection Agar is used for the selective isolation and enumeration of lactobacilli.		
211331	500 g	LBS Broth
Lactobacillus Selection Broth. Use for the isolation and cultivation of <i>Lactobacillus</i> species.		
279410	500 g	Leptospira Medium Base EMJH
Use with Leptospira Enrichment EMJH (Cat. No. 279510) to cultivate and maintain <i>Leptospira</i> spp.		

268010	500 g	Letheen Agar	Used to inactivate quarternary ammonium compounds and other preservatives when determining the number of bacteria present in cosmetics and other materials.
263110	500 g	Letheen Agar, Modified	Used for the microbiological testing of cosmetics.
292847	2 kg		
268110	500 g	Letheen Broth	Use for determining the phenol coefficient of cationic surface-active materials.
263010	500 g	Letheen Broth, Modified	Microbiological evaluation of cosmetics: inactivates preservative agents.
211221	500 g	Levine EMB Agar	Levine Eosin Methylene Blue Agar is a slightly selective and differential plating medium for the isolation of Gram-negative enteric bacteria.
222220	500 g	Listeria Enrichment Broth	Selective enrichment for <i>L. monocytogenes</i> from non-dairy and processed food products.
222210	10 kg		
220530	500 g	Listeria Enrichment Broth, Modified	Used for selectively enriching <i>Listeria</i> from raw and pasturised milk.
245152	10 kg		
211343	500 g	Litmus Milk	Litmus Milk is used for the maintenance of lactic acid bacteria and as a differential medium for determining the action of bacteria on milk.
213320	500 g	Liver (Desiccated Powder)	Desiccated powder of beef liver. The nutritive factors of fresh liver tissue are retained in infusion prepared from Liver. Liver is used as a source of nitrogen, amino acids and vitamins in microbiological culture media. The reducing substances contained in liver create an anaerobic environment, necessary to support the growth of anaerobes. 135 grams of desiccated Liver are equivalent to 500 grams of fresh liver.
252100	500 g	Liver Infusion Agar	Use for cultivating <i>Brucella</i> and other pathogenic organisms.
226920	500 g	Liver Infusion Broth	Use for cultivating a variety of organisms, particularly <i>Brucella</i> species and anaerobes.
259100	500 g	Liver Veal Agar	Used for cultivating anaerobic bacteria.
244420	500 g	Lowenstein Medium Base	Media for the growth and recovery of mycobacteria. Can be used with glycerol to prepare a variety of coagulated egg media.
222120	500 g	LPM Agar Base	Used with Listeria Selective Supplement (Cat. No. 212402) for isolating and cultivating <i>Listeria monocytogenes</i> .
241320	500 g	Luria Agar Base, Miller	Used for maintaining and propagating <i>E. coli</i> in molecular microbiology procedures with or without added glucose.
211829	2 kg		
241420	500 g	Luria Broth Base, Miller	Used for maintaining and propagating <i>E. coli</i> in molecular microbiology procedures with or without added glucose.
241410	2 kg		
211759	500 g	Lysine Decarboxylase Broth	Used for differentiating microorganisms based on lysine decarboxylation.





284920	500 g	Lysine Iron Agar
211363	500 g	For the differentiation of enteric organisms based on their ability to decarboxylate or deaminate lysine and to form hydrogen sulfide.
248510	500 g	M9 Minimal Salts, 5x
		Used in preparing M9 Minimal Medium which is used for cultivating recombinant strains of <i>E. coli</i> .
218571	500 g	M17 Agar
		Used for isolating and enumerating lactic streptococci in yoghurt, cheese starters and other dairy products.
218561	500 g	M17 Broth
		Used for isolating lactic streptococci from yoghurt, cheese starters and other dairy products.
294020	500 g	M Broth
		BD Bacto™ M Broth is used for cultivating <i>Salmonella</i> species in foods and feeds by the accelerated enrichment serology (ES) procedure.
212123	500 g	MacConkey Agar
211387	500 g	For differential isolation of enteric bacilli based on lactose fermentation. Meets United States Pharmacopeia (USP), European Pharmacopoeia (EP) and Japanese Pharmacopoeia (JP) performance specifications, where applicable.
212122	2 kg	
211390	5 lb	
275300	10 kg	
211391	25 lb	
281810	500 g	MacConkey Agar Base
		Prepared without carbohydrates for coliform fermentation studies.
247010	500 g	MacConkey Agar without Crystal Violet
211393	500 g	Less selective than MacConkey Agar, to permit growth of staphylococci and enterococci.
233120	500 g	MacConkey Agar without Salt
233110	10 kg	Restricts the swarming of most <i>Proteus</i> spp., facilitating Gram-negative bacilli isolation.
294584	500 g	MacConkey Agar without Crystal Violet or Salt
		For the isolation and differentiation of enteric organisms.
212306	500 g	MacConkey II Agar
		Slightly selective and differential medium for the detection of coliform organisms and enteric pathogens.
220100	500 g	MacConkey Broth
		One step method for presumptive identification of coliforms in treated water from water treatment plants or distribution systems.
279100	500 g	MacConkey Sorbitol Agar
		Isolation and differentiation of enteropathogenic <i>E. coli</i> serotypes.
239520	500 g	Malonate Broth
		Differentiation of <i>Enterobacter</i> spp. from <i>Escherichia</i> spp. on the basis of malonate utilisation.
211399	500 g	Malonate Broth, Ewing Modified
		Malonate Broth, as modified by Ewing, is used for the differentiation of coliforms and other enteric organisms.
211401	500 g	Malt Agar
224200	500 g	Use for isolating and cultivating yeasts and moulds from food, and for cultivating yeast and mould stock cultures
224100	10 kg	

211220	500 g	Malt Extract Agar	
			Isolation, detection and enumeration of yeasts and moulds.
211320	500 g	Malt Extract Broth	
			Used for cultivating yeasts and moulds.
211407	500 g	Mannitol Salt Agar	
211410	5 lb		Used for the selective isolation and enumeration of staphylococci from clinical and non-clinical materials.
293689	25 lb		
212185	500 g	Marine Agar 2216	
			Isolation, cultivation and enumeration of heterotrophic marine bacteria.
279110	500 g	Marine Broth 2216	
			For the cultivation of heterotrophic marine bacteria.
218971	500 g	Maximum Recovery Diluent	
			Isotonic diluent containing a low level of peptone used for maintaining the viability of organisms during dilution procedures.
294110	500 g	McClung Toabe Agar Base	
			Used with Egg Yolk Enrichment (cat. no. 233471) for isolating and detecting <i>Clostridium perfringens</i> in foods based on the lecithinase reaction.
214881	500 g	m EI Agar	
			Selective culture medium used for the chromogenic detection and enumeration of enterococci in water by the single-step membrane filtration technique.
273610	100 g	m Endo Agar LES	
273620	500 g		LES = Lawrence Experimental Station. Used for the enumeration of coliforms in water by the membrane filter technique.
274930	500 g	m Endo Broth MF™	
			Used for enumerating coliform organisms in water by membrane filtration.
274610	100 g	m Enterococcus Agar	
274620	500 g		m Enterococcus Agar, also referred to as m Azide Agar, is used for isolating and enumerating enterococci in water and other materials by membrane filtration or pour plate technique.
267710	100 g	m FC Agar	
267720	500 g		Use with Rosolic Acid. For detection and enumeration of faecal coliforms by the membrane filtration technique at elevated temperatures.
288320	100 g	m FC Broth Base	
288330	500 g		Use with Rosolic Acid. For detection and enumeration of faecal coliforms by the membrane filtration technique at elevated temperatures.
211287	500 g	M-Green Yeast and Mould Broth	
			For the detection of fungi in the routine analysis of beverages.
275220	500 g	m HPC Agar	
			Used for enumerating heterotrophic organisms in treated potable water and other water samples with low counts by membrane filtration.
214882	100 g	MI Agar	
214883	500 g		Base for the simultaneous chromogenic-fluorogenic detection and enumeration of total coliforms and <i>E. coli</i> in drinking water by the membrane filter technique. Conforms with US EPA Approved Method 1604.







231920	500 g	Micro Assay Culture Agar	Used for cultivating lactobacilli and other organisms used in microbiological assays.
211813	500 g	Micro Inoculum Broth	Used for preparing the inoculum of lactobacilli and other microorganisms used in microbiological assays of vitamins and amino acids.
255320	500 g	Microbial Content Test Agar	Microbial Content Test Agar = Tryptic Soy Agar with Polysorbate 80, is recommended for the detection and enumeration of microorganisms present on surfaces of sanitary importance.
255310	2 kg		
271310	500 g	Middlebrook 7H9 Broth	Used with Middlebrook ADC Enrichment (cat. no. 212352) and supplemented with either glycerol or polysorbate 80, this medium supports the growth of mycobacteria, including <i>M. tuberculosis</i> . It is used primarily for growth of pure cultures of mycobacteria for use in laboratory studies.
262710	500 g	Middlebrook 7H10 Agar	Used with Middlebrook OADC Enrichment (cat. no. 212240) in qualitative procedures for the isolation and cultivation of mycobacteria.
218041	500 g	MIL Medium	Used for differentiating Enterobacteriaceae based on motility, lysine decarboxylation, lysine deamination and, with the addition of Indole Reagent Kovacs (Cat. No. 261185), indole production.
218591	500 g	Milk Agar	Recommended by the British Standards Institute and the International Dairy Federation for the enumeration of microorganisms in liquid milk, ice cream, dried milk and whey.
273520	500 g	MIO Medium	Motility Indole Ornithine (MIO) Medium is used to demonstrate motility, indole production and ornithine decarboxylase activity for the differentiation of <i>Enterobacteriaceae</i> .
218501	500 g	Minerals Modified Glutamate Broth	Defined glutamate medium for the enumeration of coliform organisms in water.
254410	500 g	Minimal Agar Davis	Used for isolating and characterising nutritional mutants of <i>E. coli</i> .
275610	500 g	Minimal Broth Davis without Dextrose	Used with added dextrose in isolating and characterising nutritional mutants of <i>E. coli</i> and <i>B. subtilis</i> .
229810	500 g	Mitis Salivarius Agar	Mitis Salivarius Agar is used with BD BBL™ Tellurite Solution 1% (Cat. No. 211917) in isolating <i>Streptococcus mitis</i> , <i>S. salivarius</i> and enterococci, particularly from grossly contaminated specimens.
286910	500 g	Motility GI Medium	Semisolid gelatin heart infusion medium for detecting motility of microorganisms and for separating organisms in their motile phase.
211436	500 g	Motility Test Medium	For the determination of motility of Gram-negative enteric bacilli.

298153	500 g	M-PA-C Agar	Used for the selective recovery and enumeration of <i>Pseudomonas aeruginosa</i> from water.
275120	500 g	m Plate Count Broth	Used for enumerating microorganisms by membrane filtration.
216300	500 g	MR-VP Medium	MR-VP Medium and MR-VP Broth (Methyl Red Voges Proskauer Medium / Broth), also known as Buffered Peptone - Glucose Broth, are used for the differentiation of bacteria by means of the methyl red and Voges-Proskauer reactions.
211383	500 g		
264920	500 g	m Staphylococcus Broth	Used for isolating staphylococci by the membrane filtration technique.
233410	100 g	m TEC Agar	m TEC Agar is used for isolating, differentiating and rapidly enumerating thermotolerant <i>Escherichia coli</i> from water by membrane filtration and an <i>in situ</i> urease test.
275020	500 g	m TGE Broth	m TGE Broth, also known as membrane Tryptone Glucose Extract Broth, is used for enumerating microorganisms by membrane filtration.
225250	500 g	Mueller Hinton Agar	Recommended for antimicrobial disc diffusion susceptibility testing of common, rapidly growing bacteria by the Bauer-Kirby method, as standardised by the Clinical and Laboratory Standards Institute (CLSI). Each lot of Mueller Hinton Agar has been tested according to, and meets the acceptance limits of, the current M6 protocol published by the CLSI.
225220	2 kg		
225230	10 kg		
211438	500 g	Mueller Hinton II Agar	Recommended for antimicrobial disc diffusion susceptibility testing of common, rapidly growing bacteria by the Bauer-Kirby method, as standardised by the Clinical and Laboratory Standards Institute (CLSI). Each lot of Mueller Hinton II Agar has been tested according to, and meets the acceptance limits of, the current M6 protocol published by the CLSI.
211441	5 lb		
212257	25 lb		
275730	500 g	Mueller Hinton Broth (Not cation-adjusted)	General purpose medium that may be used in the cultivation of a wide variety of fastidious and nonfastidious microorganisms. This medium is not supplemented with calcium or magnesium ions.
211443	500 g		
275710	2 kg		
212322	500 g	Mueller Hinton II Broth (Cation-adjusted)	For use in quantitative procedures for susceptibility testing of rapidly-growing aerobic and facultatively anaerobic bacteria isolated from clinical specimens. It is formulated to have a low thymine and thymidine content and is adjusted to the calcium and magnesium ion concentrations recommended in CLSI (formerly NCCLS) standard M7.
218531	500 g	Muller Kauffmann Tetrathionate Broth Base	Used for enriching <i>Salmonella</i> from food and environmental samples prior to selective isolation.
283810	500 g	Mycobacteria 7H11 Agar	Used in qualitative procedures for isolation and cultivation of mycobacteria, especially <i>Mycobacterium tuberculosis</i> , from clinical and non-clinical specimens. Used with Middlebrook OADC Enrichment (Cat. Nos. 211886 or 212240 or 212351) and Glycerol.
240520	500 g	Mycological Agar	Mycological media are used for the cultivation and maintenance of fungi, for the demonstration of chromogenesis and for obtaining yeast and mould counts.





211445	500 g	BD Mycophil™ Agar	BD Mycophil™ Agar is a non-selective medium of value in general work with yeasts and moulds rather than for isolation from materials possessing mixed flora. It is often desirable to use these media in parallel with selective media as some of the selective agents are inhibitory for certain fungi.
211450	500 g	BD Mycophil™ Agar with Low pH	BD Mycophil™ Agar with Low pH has had its base adjusted to approximately pH 4.7, which obviates the need for pH adjustment with lactic or tartaric acids in the laboratory. It also differs from BD Mycophil™ Agar in that an additional 2 g/l of agar has been incorporated so that the medium may be sterilised and remelted without losing its ability to solidify.
212346	500 g	Mycoplasma Broth Base (Frey)	Used for the cultivation of avian mycoplasmas. Use with Mycoplasma Supplement (Cat. No. 283610) or Mycoplasma Enrichment without Penicillin (Cat. No. 212292) for isolating and cultivating mycoplasmas.
211458	500 g	Mycoplasma Broth Base (PPLO Broth Base)	Also known as PPLO (pleuropneumonia-like organism) Broth Base. Basal medium that contains no Crystal Violet and is used in the preparation of media for cultivation of <i>Mycoplasma</i> spp. Use with Mycoplasma Supplement (Cat. No. 283610) or Mycoplasma Enrichment without Penicillin (Cat. No. 212292) for isolating and cultivating <i>Mycoplasma</i> spp.
211462	500 g	BD Mycosel™ Agar	A highly selective medium containing cycloheximide and chloramphenicol. It is recommended for the isolation of pathogenic fungi from materials having a large amount of flora of other fungi and bacteria.
281010	500 g	MYP Agar	MYP Agar is used with Egg Yolk Enrichment 50% (Cat. Nos. 233471 and 233472) and Antimicrobial Vial P (Cat. No. 232681) for enumerating <i>Bacillus cereus</i> from foods.
240410	500 g	NZCYM Broth	Used for cultivating recombinant strains of <i>E. coli</i> .
241510	500 g	NZYM Broth	Used for cultivating recombinant strains of <i>E. coli</i> .
236210	100 g	Neutralising Buffer	Recommended for detection of microorganisms found on dairy and food equipment disinfected with chlorine or quaternary ammonium compounds.
232210	100 g	Niacin Assay Medium	Microbiological assay of niacin. Use to determine niacin concentration by the microbiological assay technique.
225710	500 g	NIH Thioglycollate Broth (USP Alternative Thioglycollate Medium)	NIH Thioglycollate Broth and Sterility Test Broth, which are the USP Alternative Thioglycollate Medium, are Fluid Thioglycollate Medium without the agar or indicator components. They are used for the same sterility test procedures except that anaerobic incubation is recommended rather than aerobic incubation. They also meet the requirements of the USP growth promotion test.
226810	500 g	Nitrate Broth	Recommended as an aid in the identification of aerobic and facultative anaerobic Gram-negative microorganisms by means of the nitrate reduction test.

212000	100 g	Nutrient Agar
213000	500 g	Used for the cultivation of bacteria and for the enumeration of organisms in water, sewage, faeces and other materials.
211665	2 kg	
269100	500 g	Nutrient Agar 1.5%
		Use to cultivate a variety of microorganisms. Can be used with the addition of blood or other enrichment for the cultivation of fastidious microorganisms.
263410	500 g	Nutrient Agar pH 6.0
		General purpose medium for cultivation of microorganisms requiring a slightly acidic pH.
223100	100 g	Nutrient Agar with MUG
223200	500 g	Used for detecting and enumerating <i>E. coli</i> in water.
233000	100 g	Nutrient Broth
234000	500 g	Used for the cultivation of many species of nonfastidious microorganisms.
231000	2 kg	
232000	10 kg	
211100	500 g	Nutrient Gelatin
		Used for the detection of gelatin liquefaction by microbial species.
255210	500 g	Oatmeal Agar
		Use for cultivating fungi, particularly for macrospore formation.
268820	500 g	OF Basal Medium
		OF (Oxidation Fermentation) media are used for the determination of oxidative and fermentative metabolism of carbohydrates by Gram-negative rods on the basis of acid reaction in either the open or closed system.
218111	500 g	OGYE Agar Base
		For use with the antimicrobial agent, oxytetracycline, in isolating and enumerating yeasts and moulds in foods.
211486	500 g	Orange Serum Agar
		Used for cultivating aciduric microorganisms, particularly those associated with spoilage of citrus products.
222530	500 g	Oxford Medium Base
		Used to prepare Oxford Medium, or, with Modified Oxford Antimicrobial Supplement (cat. no. 211763), to prepare Modified Oxford Medium. For isolating and differentiating <i>Listeria monocytogenes</i> .
263620	500 g	PALCAM Medium Base
		Used with PALCAM Antimicrobial Supplement (cat. no. 263710) in isolating and cultivating <i>Listeria</i> , particularly from foods and milk products.
260410	100 g	Pantothenate Assay Medium
		Used for determining the concentration of pantothenic acid and its salts by the microbiological assay technique.
281610	100 g	Pantothenate Medium AOAC
		Used for determining the concentration of pantothenic acid and pantothenate by the microbiological assay technique. Meets USP performance specifications.





289100	500 g	Peptone Iron Agar	Use as an indicator of hydrogen sulphide production by microorganisms.
218071	500 g	Peptone Water	Minimal medium for cultivation of non-fastidious organisms, for studying carbohydrate fermentation patterns, and for performing the indole test.
211502	500 g	Phenol Red Agar Base	Use with added carbohydrates in differentiating pure cultures of microorganisms based on fermentation reactions.
211506	500 g	Phenol Red Broth Base	Use with added carbohydrates for the accurate determination of fermentation reactions in the differentiation of microorganisms.
211514	500 g	Phenol Red Dextrose Broth	Determination of the ability of microorganisms to ferment dextrose.
211519	500 g	Phenol Red Lactose Broth	Determination of the ability of microorganisms to ferment lactose.
210310	500 g	Phenol Red Mannitol Agar	For differentiating pure cultures of bacteria based on mannitol fermentation reactions.
211527	500 g	Phenol Red Mannitol Broth	Used to measure the ability of an organism to ferment mannitol.
211533	500 g	Phenol Red Sucrose Broth	Determination of the ability of microorganisms to ferment sucrose.
211537	500 g	Phenylalanine Agar	Used for the differentiation of enteric bacilli on the basis of their ability to produce phenylpyruvic acid by oxidative deamination.
274520	500 g		
211539	500 g	Phenylethyl Alcohol Agar	Selective medium for the isolation of Gram-positive organisms, particularly Gram-positive cocci, from specimens of mixed Gram-positive and Gram-negative flora.
211546	500 g	BD Phytone™ Yeast Extract Agar	Use for the selective isolation of dermatophytes, particularly <i>Trichophyton verrucosum</i> , and other pathogenic fungi from routine clinical specimens.
247930	100 g	Plate Count Agar	Used for obtaining microbial plate counts from milk and dairy products, foods, water and other materials of sanitary importance.
247940	500 g		
247910	2 kg		
213300	100 g	Potato Dextrose Agar	Use for culturing yeasts and moulds from food and dairy products.
213400	500 g		
213200	2 kg		
254920	500 g	Potato Dextrose Broth	For the cultivation of yeasts and moulds.
251100	500 g	Potato Infusion Agar	For cultivating <i>Brucella</i> , especially in mass cultivation procedures.



241210	500 g	PPLO Agar (Mycoplasma Agar)	PM Indicator Agar. Penicillin in Milk Assay. Use with Mycoplasma Supplement (Cat. No. 283610) or Mycoplasma Enrichment without Penicillin (Cat. No. 212292) for isolating and cultivating mycoplasmas.
255420	500 g	PPLO Broth (Mycoplasma Broth)	Use with Mycoplasma Supplement (Cat. No. 283610) or Mycoplasma Enrichment without Penicillin (Cat. No. 212292) for isolating and cultivating mycoplasmas.
219200	500 g	Presence-Absence Broth	One step method for presumptive identification of coliforms in treated water from water treatment plants or distribution systems.
265100	500 g	Proteose No. 3 Agar	For isolating and cultivating <i>Neisseria</i> and <i>Haemophilus</i> . Use with Haemoglobin (cat. no. 211874) and supplement B (cat. no. 227610) or supplement VX (cat. no. 233541).
244820	500 g	Pseudomonas Agar F	Pseudomonas Agar F, also known as Flo Agar, is used for the enhancement of fluorescein production.
244910	500 g	Pseudomonas Agar P	Pseudomonas Agar P, also known as Tech Agar, is used for the enhancement of pyocyanin production by pseudomonas.
292710	500 g	Pseudomonas Isolation Agar	Use with added Glycerol in isolating pseudomonas and in differentiating <i>Pseudomonas aeruginosa</i> from other pseudomonas based on pigment formation.
222810	500 g	Purple Agar Base	Use with added carbohydrate in differentiating pure cultures of bacteria, particularly of enteric organisms, based on fermentation reactions.
211558	500 g	Purple Broth Base	Use with added carbohydrate in differentiating pure cultures of bacteria, particularly of enteric organisms, based on fermentation reactions.
295110	100 g	Pyridoxine Y Medium	Used for determining pyridoxine concentration by the microbiological assay technique.
218262	100 g	R2A Agar	Used for enumerating heterotrophic organisms in treated potable water.
218263	500 g		
218261	2 kg		
218671	500 g	Raka-Ray No. 3 Medium	For the isolation of lactic acid bacteria encountered in beer and the brewing process.
218681	500 g	Rappaport-Vassiliadis Medium (MSRV), Semisolid Modification	Use with Novobiocin Antimicrobial Supplement (Cat. No. 231971) for the rapid detection of motile <i>Salmonella</i> spp. in faeces and food products.
218581	500 g	Rappaport-Vassiliadis R10 Broth	Selective enrichment of <i>Salmonella</i> spp. from meat and dairy products, faeces and sewage polluted water and other materials.





214943	500 g	Rappaport Vassiliadis Salmonella (RVS) Soy Broth	Used for selectively enriching <i>Salmonella</i> in food and environmental samples. Meets USP, EP and JP performance specifications, where applicable.
298123	500 g	Regan-Lowe Charcoal Agar Base	Selective medium used for isolation of <i>Bordetella pertussis</i> from clinical specimens.
218081	500 g	Reinforced Clostridial Medium (RCM)	Use for the cultivation and enumeration of anaerobes, particularly clostridia, and other species of bacteria from foods and clinical specimens.
232510	100 g	Riboflavin Assay Medium	Used for determining riboflavin concentration by the microbiological assay technique.
211567	100 g	Rice Extract Agar	For promotion of chlamydospore formation by <i>Candida albicans</i> and <i>C. stellatoidea</i> as a means of differentiating them from other <i>Candida</i> species.
248020	500 g	Rogosa SL Agar	Use for the selective cultivation of oral, vaginal and faecal lactobacilli.
218312	500 g	Rose Bengal Agar Base	Use with Rose Bengal Antimicrobial Supplement (Cat. No. 214904) for selective isolation and enumeration of yeasts and moulds from foods, dairy products and the environment.
274720	500 g	Sabouraud Agar, Modified (Emmons)	Used in qualitative procedures for cultivation of dermatophytes and other pathogenic and non-pathogenic fungi from clinical and non-clinical specimens.
274710	2 kg		
279720	500 g	Sabouraud Brain Heart Infusion Agar Base	Used in qualitative procedures for cultivation of dermatophytes and other pathogenic and non-pathogenic fungi from clinical and non-clinical specimens.
210940	100 g	Sabouraud Dextrose Agar	Sabouraud Dextrose Agar is used in qualitative procedures for cultivation of pathogenic and non-pathogenic fungi, particularly dermatophytes. The medium may be rendered more selective for fungi by the addition of antimicrobics. Meets EP, USP and JP performance specifications, where applicable.
210950	500 g		
211584	500 g		
211661	2 kg		
211585	5 lb		
210930	10 kg		
238230	500 g	Sabouraud Dextrose Broth	Used for cultivation of yeasts, moulds and aciduric microorganisms. Meets EP, USP and JP performance specifications, where applicable.
238210	2 kg		
211020	500 g	Sabouraud Maltose Agar	Modification of Sabouraud Dextrose Agar with maltose substituted for dextrose. It is a selective medium due to the acid pH. Used for the cultivation of yeasts, moulds and aciduric microorganisms. With 4% maltose, pH 5.6.
242910	500 g	Sabouraud Maltose Broth	Modification of Sabouraud Dextrose Broth with maltose substituted for dextrose. It is a selective medium due to the acid pH. Used for the cultivation of yeasts, moulds and aciduric microorganisms. With 4% maltose, pH 5.6.

264210	500 g	Sabouraud Medium, Fluid	Use for cultivating yeasts, moulds and aciduric microorganisms and for detecting yeasts and moulds in normally sterile materials.
212189	500 g	Schaedler Agar	Use with or without blood for the cultivation and enumeration of anaerobic and aerobic microorganisms.
212191	100 g	Schaedler Broth	Use for cultivating anaerobic and aerobic microorganisms with or without added blood or enrichment.
214889	500 g	BD Select APS™ - Tryptic Soy Broth	Alternative Protein Source obtained from animal-free components.
214887	10 kg		
214886	500 g	BD Select APS™ - Tryptic Soy Broth (Irradiated)	Alternative Protein Source obtained from animal-free components. Gamma-Irradiated (25-45 kgy).
227540	500 g	Selenite Broth	Used as an enrichment medium for the isolation of <i>Salmonella</i> spp. from faeces, urine, water, foods and other materials of sanitary importance.
268740	500 g	Selenite Cystine Broth	Used as a selective enrichment medium for the isolation of salmonellae from faeces, foods, pharmaceutical articles, water and other materials of sanitary importance.
212203	500 g	Seven H11 Agar Base	used in qualitative procedures for isolation and cultivation of mycobacteria, especially <i>Mycobacterium tuberculosis</i> , from clinical and nonclinical specimens.
231510	500 g	SF Medium	SF ( <i>Streptococcus faecalis</i> ) Medium is used for the differentiation of Enterococcus species from the <i>Streptococcus bovis</i> group and other streptococci.
281110	500 g	SFP Agar Base	Used with Egg Yolk Enrichment 50% (cat. no. 233471), Antimicrobial Vial P (cat. no. 232681) and Antimicrobial Vial K (cat. no. 233391) in detecting and enumerating <i>Clostridium perfringens</i> in foods.
211578	500 g	SIM Medium	Sulphide Indole Motility Medium. Use for differentiating <i>Salmonella</i> and <i>Shigella</i> species based on hydrogen sulphide production, indole fermentation and motility.
211620	500 g	Simmons Citrate Agar	Differentiation and identification of Gram-negative bacteria based on citrate utilisation.
232100	500 g	Skim Milk	Soluble, spray-dried skim milk. When prepared in a 10% solution, it is equivalent to fresh skimmed milk. Use for preparing microbiological culture media and for differentiating organisms based on coagulation and proteolysis of casein.
244310	500 g	SOB Medium (Super Optimal Broth)	Used for cultivating recombinant strains of <i>Escherichia coli</i> . May also be used to prepare SOC medium (Super Optimal Broth with Catabolite repression) with the addition of 20% glucose.
217820	500 g	Soluble Starch	Soluble starch improves growth response. It provides starch for hydrolysis, detoxification of metabolic byproducts and as a carbon source.





210810	500 g	Special Yeast and Mould Medium	Nutritionally rich medium that supports the growth of a wide variety of yeasts and moulds.
295020	500 g	Spirit Blue Agar	Used with Lipase Reagent (cat. no. 243110) for detecting and enumerating lipolytic microorganisms.
284530	500 g	SPS Agar	Sulfite Polymyxin Sulfadiazine Agar is used for the detection and enumeration of <i>Clostridium perfringens</i> in foods and other materials.
211596	100 g	SS Agar (Salmonella Shigella Agar)	Moderately selective and differential media for the isolation of pathogenic enteric bacilli, especially those belonging to the genus <i>Salmonella</i> . This formulation is not recommended for the primary isolation of <i>Shigella</i> .
274500	500 g		
211597	500 g		
212118	2 kg		
211600	5 lb		
293306	25 lb		
211638	500 g	Standard Methods Agar	Used for obtaining microbial plate counts from milk and dairy products, foods, water and other materials of sanitary importance.
211643	500 g	Standard Methods Agar with Lecithin and Polysorbate 80	Recommended for the detection and enumeration of microorganisms present on surfaces of sanitary importance.
229730	500 g	Staphylococcus Medium 110	Also known as Stone Gelatin Agar, this medium is used for isolating and differentiating staphylococci based on mannitol fermentation, pigment formation and gelatinase activity.
272100	500 g	Starch Agar	Used for cultivating microorganisms being tested for starch hydrolysis.
254100	500 g	Stock Culture Agar	Used for maintaining stock cultures of bacteria, particularly streptococci.
211672	500 g	Sugar Free Agar	For the detection and enumeration of organisms in butter and other processed dairy products.
297210	500 g	Sulfite Agar	Used for detecting thermophilic, H <sub>2</sub> S-producing anaerobes, particularly in foods.
212485	500 g	Super Broth (Select APS™ Super Broth)	
212486	10 kg	Molecular genetics medium used to grow <i>E. coli</i> to a high cell density.	
235220	500 g	Synthetic Broth AOAC	Use to maintain disinfectant test cultures. Contains all the nutrients essential for growth of the test cultures used to determine the phenol coefficients of disinfectants.
298410	500 g	TAT Broth Base	
292848	2 kg	TAT (Tryptone-Azolectin-Tween®) Broth Base with the addition of polysorbate 20 is recommended for testing for the presence of microorganisms in viscous materials, such as salves or ointments. It is especially adapted to the testing of cosmetics.	

265020	500 g	TCBS Agar	Thiosulphate Citrate Bile Salts Sucrose Agar (TCBS Agar) is used for the selective isolation of cholera vibrios and <i>Vibrio parahaemolyticus</i> from a variety of clinical and non-clinical specimens.
261710	500 g	Tellurite Glycine Agar	Use with Chapman Tellurite Solution 1% (Cat. No. 211917) for the selective isolation of coagulase positive staphylococci.
243820	500 g	Terrific Broth	
243810	2 kg		Used with glycerol (cat. no. 228210) in cultivating recombinant strains of <i>E. coli</i> .
210430	500 g	Tetrathionate Broth Base	
210420	2 kg		Use with iodine-iodide solution as a selective enrichment medium for the isolation of <i>Salmonella</i> from faeces, urine, foods and other materials of sanitary importance.
249120	500 g	Tetrathionate Broth Base - Hajna (TT Broth Base, Hajna)	Selective enrichment for <i>Salmonella</i> spp. from food and dairy products prior to isolation procedures.
230310	500 g	Thermoacidurans Agar	Used for isolating and cultivating <i>Bacillus coagulans</i> ( <i>Bacillus thermoacidurans</i> ) from foods.
232610	100 g	Thiamine Assay Medium	For determining thiamine concentration by the microbiological assay technique using <i>Lactobacillus fermentum</i> ATCC 9338.
280810	100 g	Thiamine Assay Medium LV	For determining thiamine concentration by the microbiological assay technique using <i>Weissella</i> ( <i>Lactobacillus</i> ) <i>viridescens</i> ATCC 12706.
225710	100 g	Thioglycollate Broth, NIH	NIH Thioglycollate Broth (USP Alternative Thioglycollate Medium) may be used for sterility testing to USP specifications instead of FTM.
225640	100 g	Thioglycollate Medium, Fluid	
225650	500 g		Fluid Thioglycollate Medium (FTM) is used for the sterility testing of biologics and for the cultivation of anaerobes, aerobes and microaerophiles. Meets EP and USP performance specifications.
211260	500 g		
225620	2 kg		
211263	5 lb		
225630	10 kg		
211264	25 lb		
211716	500 g	Thioglycollate Medium, Brewer Modified	Use for the cultivation of obligate anaerobes, microaerophiles and facultative organisms.
269710	500 g	Thioglycollate Medium, Fluid, with Beef Extract	Fluid Thioglycollate Medium with Beef Extract is used in cultivating microorganisms from normally sterile biological products.
236310	500 g	Thioglycollate Medium, Fluid, without Dextrose	Fluid Thioglycollate Medium without Dextrose is used as a base for fermentation studies of anaerobes, as well as for detecting microorganisms in normally sterile materials, especially those containing mercurial preservatives.







243210	500 g	Thioglycollate Medium, Fluid, without Dextrose or Indicator	Fluid Thioglycollate Medium without Dextrose or Indicator is used as a base for fermentation studies of anaerobes, as well as for detecting microorganisms in normally sterile materials, especially those containing mercurial preservatives.
211727	500 g	Thioglycollate Medium, without Dextrose or Eh Indicator	Fluid Thioglycollate Medium without Dextrose or Eh Indicator is used as a base for fermentation studies of anaerobes, as well as for detecting microorganisms in normally sterile materials, especially those containing mercurial preservatives.
243010	500 g	Thioglycollate Medium without Indicator	Detection of a variety of microorganisms in normally sterile materials, especially those containing mercurial preservatives. Suitable for fermentation studies when no oxidation-reduction indicator is required.
211720	500 g	Thioglycollate Medium without Indicator - 135C	An enriched general-purpose medium for the recovery of a wide variety of microorganisms, particularly obligate anaerobes, from clinical specimens and other materials.
278610	500 g	Tinsdale Agar Base	Tinsdale Agar Base is used with Tinsdale Enrichment Desiccated (Cat. No. 234210) in isolating and differentiating <i>Corynebacterium diphtheriae</i> .
249240	500 g	Todd Hewitt Broth	General-purpose medium used for the cultivation of group A streptococci, pneumococci and other fastidious organisms or as a blood culture medium. Primarily used for the cultivation of group A streptococci prior to serological typing.
249210	2 kg		
249220	10 kg		
211794	500 g	Tomato Juice Agar	Cultivation and enumeration of <i>Lactobacillus</i> species, especially <i>Lactobacillus acidophilus</i> .
238910	500 g	Tomato Juice Agar, Special	Used for cultivating and enumerating lactobacilli and other acidophilic microorganisms from saliva and other specimens.
251720	500 g	Tomato Juice Broth	Used in the cultivation of yeasts and other aciduric microorganisms.
251710	10 kg		
211743	500 g	Transport Medium (Stuart, Toshach and Patsula)	Used for collecting, transporting and preserving microbiological specimens.
211102	500 g	Transport Medium (Cary and Blair)	Cary and Blair Transport Medium is used for collecting, transporting and preserving microbiological specimens, particularly those containing <i>Vibrio cholerae</i> .
287710	500 g	Trichophyton Agar 1	Differential medium used in the presumptive identification of <i>Trichophyton</i> species based on nutritional requirements. Basal medium.
287410	500 g	Trichophyton Agar 2	Formulation as per Trichophyton Agar 1, with inositol.
296510	500 g	Trichophyton Agar 3	Formulation as per Trichophyton Agar 1, with inositol and thiamine HCL.
219710	500 g	Trichophyton Agar 4	Formulation as per Trichophyton Agar 1, with thiamine HCL.

252410	500 g	Trichophyton Agar 6	Basal medium for <i>Trichophyton</i> without amino acids. With ammonium nitrate.
295510	500 g	Trichophyton Agar 7	Formulation as per Trichophyton Agar 6, with Histidine HCL.
211747	500 g	BD Trichosel™ Broth, Modified	For the isolation and cultivation of <i>Trichomonas</i> species.
226540	500 g	Triple Sugar Iron Agar	Triple Sugar Iron Agar (TSI Agar) is used for the differentiation of Gram-negative enteric bacilli based on carbohydrate fermentation and the production of hydrogen sulphide.
236950	500 g	Tryptic Soy Agar	Identical in formulation to Trypticase Soy Agar. (Tryptic Soy Agar is the Difco brand, Trypticase Soy Agar is the BBL brand.) Also known as TSA and Soybean Casein Digest Agar. For the isolation and cultivation of nonfastidious and fastidious microorganisms. It is not the medium of choice for anaerobes. Meets EP, USP and JP performance specifications, where applicable.
236920	2 kg		
236930	10 kg		
211043	500 g	Trypticase™ Soy Agar	Identical in formulation to Tryptic Soy Agar. (Tryptic Soy Agar is the Difco brand, Trypticase Soy Agar is the BBL brand.) Also known as TSA and Soybean Casein Digest Agar. For the isolation and cultivation of nonfastidious and fastidious microorganisms. It is not the medium of choice for anaerobes. Meets EP, USP and JP performance specifications, where applicable.
211046	5 lb		
211047	25 lb		
255320	500 g	Tryptic Soy Agar with Lecithin and Polysorbate 80	Identical in formulation to Trypticase Soy Agar with Lecithin and Polysorbate 80. (Tryptic Soy Agar is the Difco brand, Trypticase Soy Agar is the BBL brand.) Also known as Microbial Content Test Agar. For the isolation and cultivation of nonfastidious and fastidious microorganisms. It is not the medium of choice for anaerobes. Meets EP, USP and JP performance specifications, where applicable.
255310	2 kg		
211764	500 g	Trypticase™ Soy Agar with Lecithin and Polysorbate 80	Identical in formulation to Tryptic Soy Agar with Lecithin and Polysorbate 80. (Tryptic Soy Agar is the Difco brand, Trypticase Soy Agar is the BBL brand.) Also known as Microbial Content Test Agar. For the isolation and cultivation of nonfastidious and fastidious microorganisms. It is not the medium of choice for anaerobes. meets EP, USP and JP performance specifications, where applicable.
212263	5 lb		
227300	500 g	Tryptic Soy Blood Agar Base No. 2	When supplemented with blood, this medium is used for cultivating fastidious microorganisms and for the visualisation of haemolytic reactions produced by many bacterial species.
227200	10 kg		
228300	500 g	Tryptic Soy Blood Agar Base EH	When supplemented with blood, this medium is used for cultivating fastidious microorganisms and for the visualisation of haemolytic reactions produced by many bacterial species. (EH = Enhanced Haemolysis.) This media provides dramatic, improved haemolysis.
228200	10 kg		
212305	500 g	Trypticase™ Soy Agar, Modified (TSA II)	Improved formulation of the original TSA formulation for use with animal blood supplements.





211824	100 g	Tryptic Soy Broth
211825	500 g	Identical in formulation to Trypticase Soy Broth. (Tryptic Soy Broth is the Difco brand, Trypticase Soy Broth is the BBL brand.) Also known as TSB and Soybean Casein Digest Broth. General purpose medium for the cultivation of fastidious and non-fastidious microorganisms from a variety of clinical and non clinical specimens. Meets EP, USP and JP performance specifications, where applicable.
211822	2 kg	
211823	10 kg	
211768	500 g	Trypticase™ Soy Broth
211771	5 lb	Identical in formulation to Tryptic Soy Broth. (Tryptic Soy Broth is the Difco brand, Trypticase Soy Broth is the BBL brand.) Also known as TSB and Soybean Casein Digest Broth. General purpose medium for the cultivation of fastidious and non-fastidious microorganisms from a variety of clinical and non clinical specimens. Meets EP, USP and JP performance specifications, where applicable.
211772	25 lb	
296264	500 g	Trypticase™ Soy Broth, Sterile
		Also known as TSB, Tryptic Soy Broth and Soybean Casein Digest Broth. General purpose medium for the cultivation of fastidious and non-fastidious microorganisms from a variety of clinical and non clinical specimens. Meets EP, USP and JP performance specifications, where applicable. Gamma-irradiated.
286220	500 g	Tryptic Soy Broth without Dextrose
286210	10 kg	Tryptic Soy Broth without Dextrose, a low carbohydrate formulation of Tryptic Soy Broth, is used for cultivating fastidious and non-fastidious microorganisms.
223000	500 g	Tryptone Glucose Extract Agar
		Used for cultivating and enumerating microorganisms in water and dairy products.
264410	500 g	Tryptone Water
		For detecting <i>Escherichia coli</i> in food and water samples on the basis of indole production.
264300	500 g	Tryptose Agar
264100	2 kg	Cultivation of <i>Brucella</i> spp. and a large variety of pathogenic organisms.
262200	500 g	Tryptose Broth
262100	10 kg	Cultivation of <i>Brucella</i> spp. and a variety of pathogenic microorganisms.
223220	500 g	Tryptose Blood Agar Base
223210	2 kg	Used with blood in isolating, cultivating and determining the haemolytic reactions of fastidious microorganisms.
260300	500 g	Tryptose Phosphate Broth
260100	2 kg	Used for cultivating fastidious microorganisms.
260200	10 kg	
211690	500 g	TSN Agar
		TSN (BD Trypticase™ Sulfite Neomycin) Agar is used for the selective isolation of <i>Clostridium perfringens</i> .
249120	500 g	TT Broth Base, Hajna
		TT Broth Base, Hajna (Tetrathionate Broth Base, Hajna), is used for enriching <i>Salmonella</i> from food and dairy products prior to isolation procedures.
285610	500 g	Universal Beer Agar
		Universal Beer Agar (UBA Medium) is used for cultivating microorganisms of significance in the brewing industry.

223510	500 g	Universal Preenrichment Broth	Used for recovering sublethally injured <i>Salmonella</i> and <i>Listeria</i> from food products.
211795	500 g	Urea Agar Base	Used for the differentiation of organisms, especially the enterobacteriaceae, on the basis of urease production. Use with BD Bacto™ Agar (Cat. Nos. 214050, 214010, 214030, 214040) for differentiating microorganisms based on urease activity.
227210	500 g	Urea Broth	Use for differentiating microorganisms, particularly <i>Proteus</i> species, based on urease production.
222330	500 g	UVM Modified Listeria Enrichment Broth	
222320	10 kg		Use as a selective enrichment for the rapid isolation of <i>Listeria monocytogenes</i> .
234310	500 g	Veal Infusion Agar	Used for cultivating fastidious microorganisms with or without added enrichment.
211695	500 g	Violet Red Bile Agar	
211687	10 kg		Used for enumerating coliform organisms in dairy products.
229100	500 g	Violet Red Bile Agar with MUG	For enumerating <i>E. coli</i> and total coliform bacteria in food and dairy products.
218661	500 g	Violet Red Bile Glucose Agar (VRBG Agar)	Selective medium containing glucose for the detection and enumeration of Enterobacteriaceae from food and dairy products.
236010	100 g	Vitamin B12 Assay Medium	Microbiological assay of Vitamin B12. Use for determining vitamin B12 concentration by the microbiological assay technique.
256220	500 g	VJ Agar	VJ Agar, also known as Vogel and Johnson Agar, is used for the early detection of coagulase positive, mannitol-fermenting staphylococci. Use with Chapman Tellurite Solution 1% (Cat. No. 211917). Use for isolating coagulase-positive mannitol-fermenting staphylococci from clinical or food specimens.
218051	500 g	Wilkins-Chalgren Agar	Used for susceptibility testing of anaerobes and for isolating and cultivating anaerobes.
242510	500 g	WL Differential Medium	WL Differential Medium = Wallerstein Laboratory Differential Medium (agar). Green and Gray developed WL Differential Medium that inhibits the growth of yeasts without inhibiting the growth of bacteria present in beers. Used for isolating bacteria encountered in brewing and industrial fermentation processes.
247110	500 g	WL Nutrient Broth	Wallerstein Laboratory Nutrient Broth. Cultivation of yeasts, moulds and bacteria encountered in brewing and industrial fermentation processes.
242420	500 g	WL Nutrient Medium	Wallerstein Laboratory Medium (agar). Cultivation of yeasts, moulds and bacteria encountered in brewing and industrial fermentation processes.





211836	500 g	XL Agar Base	XL (Xylose Lysine) Agar Base is used for the isolation and differentiation of enteric pathogens and, when supplemented with appropriate additives, as a base for selective enteric media. It was developed by Taylor for the non-selective isolation and differentiation of Gram-negative enteric bacilli.
278850	500 g	XLD Agar	Xylose Lysine Desoxycholate Agar. Selective differential medium for the isolation of Gram-negative enteric bacilli, especially <i>Shigella</i> and <i>Providencia</i> species.
278820	2 kg		
278830	10 kg		
223420	500 g	XLT4 Agar Base	XLT4 Agar Base is used with XLT4 Agar Supplement (Cat. No. 235310) in isolating non-typhi <i>Salmonella</i> species. Contains peptone as a source of complex nitrogen compounds.
239110	100 g	Yeast Carbon Base	Wickerham formula. Use for the classification of yeasts based on nitrogen assimilation.
219001	500 g	Yeast Extract Glucose Chloramphenicol Agar	Selective agar recommended by the International Dairy Federation for the enumeration of yeasts and moulds in milk and milk products.
239320	500 g	Yeast Morphology Agar	Wickerham formula. Use for the classification of yeasts based on colonial characteristics and cell morphology.
239210	100 g	Yeast Nitrogen Base	Wickerham formula. Use for the classification of yeasts based on carbon assimilation.
291940	100 g	Yeast Nitrogen Base without Amino Acids	Wickerham formula. Use for the classification of yeasts based on amino acid and carbohydrate requirements.
291920	2 kg		
291930	10 kg		
233520	100 g	Yeast Nitrogen Base without Amino Acids and Ammonium Sulphate	Wickerham formula. Used for the classification of yeasts based on nitrogen and carbon requirements.
233510	10 kg		
218172	500 g	Yersinia Selective Agar Base (CIN Agar Base)	CIN (cefsulodin-Irgasan™-novobiocin) Agar Base, when supplemented with cefsulodin and novobiocin (Yersinia Antimicrobial Supplement CN, Cat. No. 231961), is a differential and selective medium used in qualitative procedures for the isolation of <i>Yersinia enterocolitica</i> from a variety of clinical and non-clinical specimens.
271210	500 g	YM Agar	Yeast Mould Agar is used for cultivating yeasts, moulds and other aciduric microorganisms.
271120	500 g	YM Broth	Yeast Mould Broth is for Cultivation of yeasts, moulds and other aciduric microorganisms.
242720	500 g	YPD Agar	For maintaining and propagating yeasts in molecular microbiology procedures.



242820	500 g	YPD Broth
242810	2 kg	For maintaining and propagating yeasts in molecular microbiology procedures.
244020	500 g	YT Medium, 2 X (2 X Yeast Extract Tryptone Medium)
For cultivating recombinant strains of <i>E. coli</i> .		



## Media Additives, Enrichments and Supplements

PRODUCT CODE	SIZE	DESCRIPTION
233331	6 x 10 ml	Antimicrobial Vial A  Contains chlortetracycline. Selectively inhibits bacterial growth by inhibiting protein synthesis and restricts the size and height of colonies of more rapidly-growing moulds. Contains 25 mg desiccated chlortetracycline per 10 ml vial. The resulting concentration of the rehydrated solution is 2.5 mg chlortetracycline per ml. Can be used with: Cook Rose Bengal Agar (Cat. No. 270310)
233391	6 x 10 ml	Antimicrobial Vial K  Contains kanamycin. Used to supplement SFP Agar Base containing Egg Yolk Enrichment 50% and Antimicrobial Vial P for the detection and enumeration of <i>Clostridium perfringens</i> in foods. Clostridia are not inhibited by kanamycin, which inhibits protein synthesis in susceptible organisms. Use with: SFP Agar Base (Cat. No. 281110)
232681	6 x 10 ml	Antimicrobial Vial P  Contains polymyxin B. For enumerating <i>Bacillus cereus</i> from foods. Use with: <ul style="list-style-type: none"> <li>• MYP Agar (Cat. No. 281010) and</li> <li>• Egg Yolk Enrichment 50% (Cat. Nos. 233471 and 233472)</li> </ul> Also for use with: <ul style="list-style-type: none"> <li>• SFP Agar Base (Cat. No. 281110)</li> </ul> 6 x 10 ml vials.
214410	500 g	Asparagine  Amino acid for chemical and microbiological usage.
213010	100 g	Bile Salts No.3
213020	500 g	Selective agent, inhibits Gram-positive organisms.
266810	12 x 20 ml	Bovine Albumin (5%)  Used to enrich media for cultivation of a large variety of microorganisms and tissue cells. It is also known as bovine serum albumin or BSA. Bovine albumin can be added to normally sterile specimens, tissues and body fluids for direct inoculation onto culture media used for isolating mycobacteria. BSA is also used as an enrichment when contaminated specimens are digested.
211968	10 x 10 ml	Bovine Albumin (Fraction V)  0.2% in 0.85% Saline. Supplied in liquid form for use in specimen digestion procedures for the isolation and detection of <i>Mycobacterium</i> species. Used to enrich media for cultivating a large variety of microorganisms and tissue cells.
230910	12 x 20 ml	Dubos Medium Albumin  A 5% solution of albumin fraction V from bovine plasma and 7.5% dextrose in normal saline. For the cultivation of <i>M. tuberculosis</i> use with: <ul style="list-style-type: none"> <li>• Dubos Broth Base (Cat. No. 238510)</li> </ul> 12 x 20 ml Prepared tubes.
237510	12 x 20 ml	Dubos Oleic Albumin Complex  Dubos Oleic Albumin Complex and penicillin are used to supplement Dubos Oleic Agar Base for the isolation and susceptibility testing of <i>Mycobacterium tuberculosis</i> . 0.05% solution of alkalinized oleic acid in a 5% solution of albumin fraction V in normal saline (0.85%). Use with: <ul style="list-style-type: none"> <li>• Dubos Oleic Agar Base (Cat. No. 237310)</li> </ul> 12 x 20 ml Prepared tubes.



233472	6 x 100 ml	Egg Yolk Enrichment (50%)
233471	12 x 10 ml	<p>BD Bacto™ Egg Yolk Enrichment 50% is a concentrated egg yolk emulsion recommended for use in a variety of media for the isolation and identification of <i>Clostridium</i> species on the basis of their lecithinase activity. Use with:</p> <ul style="list-style-type: none"> <li>• McClung Toabe Agar Base (Cat. No. 294110)</li> <li>• MYP Agar (Cat. No. 281010)</li> <li>• SFP Agar Base (Cat. No. 281110)</li> </ul>
257200	100 ml	<p>Egg Yolk Enrichment (Gamma Irradiated)</p> <p>Used as a supplement in the preparation of various culture media for the detection of lecithinase and/or lipase, such as MYP Agar. Ready-to-use supplement:</p>
212357	6 x 100 ml	Egg Yolk Tellurite Enrichment
277910	6 x 100 ml	<p>The enrichment consists of 30% egg yolk suspension with 0.15% potassium tellurite. For the isolation of <i>S. aureus</i> use with:</p> <ul style="list-style-type: none"> <li>• Baird-Parker Agar Base (Cat. Nos. 276840 and 276810)</li> </ul>
215810	10 g	<p>Esculin</p> <p>A water-soluble glycoside for the preparation of culture media used for the identification of various organisms, including enterobacteriaceae, enterococci and anaerobes. The test is used to differentiate group D streptococci, e.g. a <i>S. faecalis</i> that hydrolyzes esculin - from non-group D streptococci, e.g. a <i>S. agalactiae</i> that does not hydrolyse esculin. Hydrolysis of esculin yields esculetin, which forms a brown-black complex in the presence of a ferric salt.</p>
211866	10 x 5 ml	<p>Fildes Enrichment</p> <p>May be used to enrich a variety of media for the cultivation of various microorganisms.</p>
211742	6 x 10 ml	<p>Fraser Broth Supplement</p> <p>Contains 0.05 g Ferric Ammonium Citrate. The medium is used in the rapid detection of <i>Listeria</i> species from food and environmental samples. Use with:</p> <ul style="list-style-type: none"> <li>• Fraser Broth Base (Cat. No. 211767 and 211766) and</li> <li>• Demi-Fraser Broth Base (Cat. Nos. 265310 and 265320)</li> </ul>
228210	100 g	Glycerol
228220	500 g	Highly purified alcohol used as a fixative in bacterial preservation media and in the isolation and cultivation of many organisms.
211874	10 x 100 ml	<p>Haemoglobin Solution (2%)</p> <p>Ready for use in the preparation of media for the cultivation of fastidious organisms. 10 x 100 ml Bottles.</p>
257199	40 ml	<p>Iodine Solution</p> <p>Additive to be used with:</p> <ul style="list-style-type: none"> <li>• Tetrathionate Broth Base (Cat. No. 210430 and 210420)</li> </ul> <p>40 ml Medium in 50 ml screw cap bottle.</p>
211875	5 x 2 ml	BD IsoVitaleX™ Enrichment
211876	5 x 10 ml	<p>Chemically defined supplement used as an additive to media for the isolation and cultivation of nutritionally fastidious microorganisms. BD IsoVitaleX™ Enrichment with Rehydrating Fluid is used for supplementing media to culture fastidious microorganisms, particularly <i>Neisseria gonorrhoeae</i> and <i>Haemophilus influenzae</i>. 211875: 5 lyophilised vials; (each reconstitutes to 2 ml) and 5 vials diluent 211876: 5 lyophilised vials; (each reconstitutes to 10 ml) and 5 vials diluent</p>
233901	6 x 5 ml	<p>Legionella Agar Enrichment</p> <p>L-Cysteine and ferric pyrophosphate. For the isolation of <i>Legionella</i>.</p>
211883	10 x 10 ml	<p>Leptospira Enrichment (Lyophilised)</p> <p>For use in the enrichment of media for the cultivation of <i>Leptospira</i> species. Media such as Fletcher Medium Base and Stuart Broth Base are used with rabbit serum enrichment for the detection of leptospiras in blood, spinal fluid, urine, waters and other minerals. Leptospira Enrichment provides the necessary enrichment for these media. Box of 10 vials, lyophilised, each vial reconstitutes to 10 ml.</p>

279510	6 x 100 ml	Leptospira Enrichment EMJH	To cultivate and maintain <i>Leptospira</i> spp. Use with: • Leptospira Medium Base EMJH (Cat. No. 279410) 6 x 100 ml bottle.
212402	10 x 2 ml	Listeria Selective Supplement	For isolation and cultivation of <i>L. monocytogenes</i> . Use with: LPM Agar Base (Cat. No. 222120)
211887	10 x 20 ml	Middlebrook ADC Enrichment	
212352	6 x 100 ml		Used to supplement culture media for the cultivation of mycobacteria (for Middlebrook 7H9 Broth, Cat. No. 271310). 211887: Prepared Tubed Media: 10 x 20 ml per tube. 212352: Prepared Bottled Media: 6 x 100 ml per bottle
211886	10 x 20 ml	Middlebrook OADC Enrichment	
212240	6 x 100 ml		Used to supplement culture media for the isolation and cultivation of mycobacteria for • Middlebrook 7H10 Agar, Cat. Nos. 262710 and 212203 and • Mycobacteria 7H11 Agar, Cat. No. 283810.
212351	500 ml		
212292	10 x 30 ml	Mycoplasma Enrichment without Penicillin	Sterile desiccated enrichment for use in PPLO media as described by Hayflick. For use with: • PPLO Agar (Mycoplasma Agar) (Cat. No. 241210) • Mycoplasma Agar Base (PPLO Agar Base) (Cat. No. 211456) • PPLO Broth (Mycoplasma Broth) (Cat. Nos. 255420 and 255410) • Mycoplasma Broth Base (PPLO Broth Base) (Cat. No. 211458) • Mycoplasma Broth Base (Frey) (Cat. Nos. 212346 and 212347)
283610	6 x 30 ml	Mycoplasma Supplement	For the isolation and cultivation of <i>Mycoplasma</i> spp. Can be used with media as listed above.
231971	6 x 10 ml	Novobiocin Antimicrobial Supplement	Contains 20 mg of Novobiocin per litre of final medium. For use with: • EC Medium Modified (Cat. No. 234020) • Rappaport-Vassiliadis Medium Semisolid Modification (Cat. No. 218681) • Brilliant Green Agar (Cat. No. 228530).
251810	6 x 100 ml	Orange Serum Broth Concentrate (10 x)	Used for cultivating aciduric microorganisms, particularly those associated with spoilage of citrus products. Each of the 6 ampules contains 100 ml of 10 x concentrate.
211763	6 x 10 ml	Oxford Antimicrobial Supplement, Modified	With Moxalactam and Colistin Sulfate. Use with: Oxford Medium Base (Cat. No. 222530)
212820	500 g	Oxgall	Oxgall is dehydrated bile used for preparing microbiological culture media, especially for selective media used to differentiate groups of bile-tolerant bacteria. Oxgall is used as a selective agent for the isolation of Gram-negative microorganisms, inhibiting Gram-positive bacteria.
263710	3 x 10 ml	PALCAM Antimicrobial Supplement	For use with PALCAM Medium Base (Cat. No. 263620)
211925	100 ml	Polysorbate 80	Surface-activating ingredient. Used in Fluorescent Treponemal Antibody (FTA-ABS) diluents, for incorporation into microbiological culture media and other reagents to enhance their productivity and reactivity. Serves as a neutraliser of preservatives, allowing microorganisms to replicate.
214904	10 x 3 g	Rose Bengal Antimicrobial Supplement	For selective isolation and enumeration of yeasts and moulds from foods, dairy products and the environment. Use with Rose Bengal Agar Base (Cat. No. 218312)
232281	6 x 1 g	Rosolic Acid	Use with: • m FC Agar (Cat. Nos. 267710 and 267720) and • m FC Broth Base (Cat. Nos. 288320 and 288330)

271510	500 g	SBG Sulfa Enrichment	Selenite Brilliant Green Sulfa Enrichment is a selective enrichment for the isolation of <i>Salmonella</i> species. With 0.1% Sulfapyridin. SBG Sulfa Enrichment is used for enriching <i>Salmonella</i> spp. prior to isolation procedures. Use with BG Sulfa Agar (Cat. No. 271710)
227610	6 x 10 ml	Supplement B	Supplement B with Reconstituting Fluid B is used for supplementing media to culture fastidious microorganisms, particularly <i>Neisseria gonorrhoeae</i> and <i>Haemophilus influenzae</i> . May be used with Eugon Agar (Cat. No. 258910) and Proteose No. 3 Agar (Cat. No. 265100)
252710	6 x 5 ml	Supplement C	This is a desiccated yeast concentrate used to supplement media for cultivating fastidious organisms with exacting growth requirements. BD Difco™ Supplement C contains the thermolabile and thermostable growth accessory factors of fresh yeast, including glutamine, coenzyme (V factor), haematin (X factor), cocarboxylase and other growth factors required for the growth of fastidious organisms.
233541	6 x 10 ml	Supplement VX	Sterile concentrate of essential growth factors V and X. For cultivation of fastidious microorganisms such as <i>Neisseria gonorrhoeae</i> and <i>Haemophilus influenzae</i> . For use with Proteose No. 3 Agar (Cat. No. 265100). Lyophilised with reconstituting fluid.
233542	1 x 100 ml		
211917	20 ml	Tellurite Solution (1%)	For use with: <ul style="list-style-type: none"> <li>• Mitis Salivarius Agar (Cat. No. 229810) and</li> <li>• Tellurite Glycine Agar (Cat. No. 261710) and</li> <li>• VJ Agar (Cat. No. 256220)</li> </ul>
210430	500 g	Tetrathionate Broth Base	Use with Iodine Solution (Cat. No. 257199) as a selective enrichment medium for the isolation of <i>Salmonella</i> species from faeces, urine, foods and other materials of sanitary importance.
234210	6 x 15 ml	Tinsdale Enrichment	BD Difco™ Tinsdale Enrichment Desiccated is used with BD Difco™ Tinsdale Agar Base (Cat. No. 278610) for primary isolation and differentiation of <i>Corynebacterium diphtheriae</i> . Use with: <ul style="list-style-type: none"> <li>• Tinsdale Agar Base (Cat. No. 278610) 6 x 15 ml tubes.</li> </ul>
231121	30 ml	TTC Solution (1%, Sterile)	TTC Solution 1% (Triphenyltetrazolium Chloride) is ready for use in the preparation of culture media. For use with KF Streptococcus Agar (Cat. No. 249610). 231121: prepared tube 30 ml.
231181	100 g	Tween® 80 - Polysorbate 80	Polysorbate 80 is used to prepare 2% Tween® 80, which acts as a dispersing agent.
212269	10 x 10 ml	V-C-A Inhibitor	Antibiotic mixture of vancomycin, colistin and anisomycin which is incorporated into culture media to permit the isolation of pathogenic <i>Neisseria</i> by inhibiting contaminating flora. Lyophilised.
212404	10 x 10 ml	V-C-A-T Inhibitor	Antibiotic mixture of vancomycin, colistin, anisomycin and trimethoprim lactate. Permits the selective isolation of <i>Neisseria gonorrhoeae</i> and <i>N. meningitidis</i> from culture media.
212227	10 x 2 ml	V-C-N Inhibitor	Antibiotic mixture of vancomycin, colistin and nystatin that permits the selective isolation of <i>N. gonorrhoeae</i> and <i>N. meningitidis</i> from culture media.
212228	10 x 10 ml		
212408	10 x 10 ml	V-C-N-T Inhibitor	Antibiotic mixture of vancomycin, colistin, nystatin and trimethoprim that improves the recovery of pathogenic <i>Neisseria</i> by increasing the selectivity of isolation media.

212354	10 x 10 ml	Vitamin K1, Hemin Solution
Used as a culture medium enrichment for anaerobic microorganisms.		
235310	100 ml	XLT4 Supplement
Added to inhibit growth of non- <i>Salmonella</i> organisms. To be used with: • XLT4 Agar Base (Cat. No. 223420 and 223410).		
231961	6 x 10 ml	Yersinia Antimicrobial Supplement CN
Used in the preparation of Yersinia Selective Agar (CIN Agar). The complete medium, based on the Cefsulodin-Irgasan-Novobiocin Agar formulation of Schiemann, is recommended for use in the selective isolation and cultivation of <i>Yersinia enterocolitica</i> from clinical and nonclinical sources. Use with Yersinia Selective Agar Base (Cat. No. 218172)		

## Carbohydrates for Culture Media

PRODUCT CODE	SIZE	DESCRIPTION
215710	10 g	Adonitol
216010	25 g	Cellobiose (Cellobiose (+), anhydrous, neither D nor L.)
215530	500 g	Dextrose / Glucose (Glucose, D (+), anhydrous)
215530	2 kg	Dextrose / Glucose (Glucose, D (+), anhydrous)
216310	500 g	D-Galactose (D-Galactose (+), anhydrous)
217020	500 g	D-Mannitol
217910	500 g	D-Sorbitol Sorbite
216210	100 g	Dulcitol Galactitol
218110	25 g	D-Xylose
216410	100 g	Inositol (Inositol, mesoinositol, neither D nor L.)
215920	100 g	L-Arabinose
216830	500 g	Maltose (Maltose (+), monohydrate)
216820	10 kg	Maltose (Maltose (+), monohydrate)
217310	500 g	Melibiose (Melibiose (+), monohydrate, neither D nor L.)
217410	100 g	Raffinose (D-Raffinose, pentahydrate)
217510	25 g	Rhamnose
217520	100 g	Rhamnose
217610	500 g	Saccharose (D-Saccharose, Sucrose)
218010	10 g	Trehalose

## Molecular Genetics Media: BD Difco™ Quality

PRODUCT CODE	SIZE	DESCRIPTION
244020	500 g	2xYT Medium (Yeast Extract Tryptone)
Formulation designed for growth and propagation of <i>E. coli</i> infected with the single strand filamentous bacteriophage M13.		
240110	500 g	LB Agar (Lennox)
A nutritionally rich media developed by Lennox for the growth and maintenance of pure cultures of recombinant strains of <i>E. coli</i> . These strains are generally derived from <i>E. coli</i> K12, which are deficient in B vitamin production. This strain of <i>E. coli</i> has been further modified through specific mutation to create an auxotrophic strain that is not capable of growth on nutritionally deficient media. LB Agar, Lennox provides all the nutritional requirements of these organisms. LB Agar, Lennox contains half the sodium chloride level of the Miller formulation of LB Agar. This allows the researcher to select the optimal salt concentration for a specific strain.		

244520	500 g	LB Agar (Miller)
244510	2 kg	LB (Luria-Bertani) Agar, Miller is used for maintaining and propagating <i>Escherichia coli</i> in molecular microbiology procedures. LB Agar, Miller is based on LB Medium as described by Miller for the growth and maintenance of <i>E. coli</i> strains used in molecular microbiology procedures. These are nutritionally rich media designed for growth of pure cultures of recombinant strains. <i>E. coli</i> grows more rapidly because they provide the cells with amino acids, nucleotide precursors, vitamins and other metabolites that the microorganism would otherwise have to synthesise.
240230	500 g	LB Broth (Lennox)
240210	2 kg	LB Broth, Lennox contains ten times the sodium chloride level of Luria Broth Base, Miller and one half of that found in LB Broth, Miller. This allows the researcher to select the optimal salt concentration for a specific strain. If desired, the medium may be aseptically supplemented with glucose to prepare the complete medium described by Lennox.
244620	500 g	LB Broth (Miller)
244610	2 kg	LB (Luria-Bertani) Broth, Miller is used for maintaining and propagating <i>Escherichia coli</i> in molecular microbiology procedures.
241420	500 g	Luria Broth Base (Miller)
		Luria Broth Base, Miller is used for maintaining and propagating <i>Escherichia coli</i> in molecular microbiology procedures with or without added glucose.
248510	500 g	M9 Minimal Salts (5x)
		Used in preparing M9 Minimal Medium which is used for cultivating recombinant strains of <i>Escherichia coli</i> . M9 Minimal Salts, 5x is a 5x concentrate that is diluted to a 1x concentration and supplemented with an appropriate carbon and energy source, such as dextrose, to provide a minimal, chemically defined medium. The medium will support the growth of "wild-type" strains of <i>E. coli</i> . M9 Minimal Salts is useful for maintaining positive selection pressure on plasmids coding for the ability to produce essential substances such as amino acids or vitamins. M9 Minimal Medium is also used to maintain stocks of F <sup>-</sup> -containing bacteria for use with M13. The medium can be supplemented with specific amino acids or other metabolites, allowing for selection of specific auxotrophs.
240410	500 g	NZCYM Broth
		For cultivation of molecular genetic strains of <i>E. coli</i> for replication of recombinant bacteriophage.
292438	500 g	BD Select APS™ - LB Broth Base
		BD Difco™ LB Broth Base (BD Select APS™ - Alternative Protein Source). For the propagation and maintenance of <i>E. coli</i> for molecular biology. Non-animal origin formulation, 500 g.
212485	500 g	BD Select APS™ - Super Broth Base
212486	10 kg	BD Select APS™ Super Broth is a molecular genetic medium that will grow <i>E. coli</i> to a high cell density. There is no glucose in the formulation thus preventing acetate build-up in the fermentation of the organism.
244310	500 g	SOB Medium
		For cultivation of molecular genetic strains of <i>E. coli</i> .
243820	500 g	Terrific Broth
243810	2 kg	For cultivation of molecular genetic strains of <i>E. coli</i> . Formulation developed to increase plasmid yield.



# Prepared Media



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# Prepared Media



## Automated Plate Streaking

### BD Innova™ - Advanced Specimen Processor

PRODUCT CODE	SIZE	DESCRIPTION
Enquire	1	BD Innova™ Advanced Specimen Processor

The BD Innova™ is an advanced and versatile microbiology specimen processor, automatically plating and streaking all microbiology samples, using a single universal platform. The BD Innova™ offers unequalled flexibility in accommodating the widest range of microbiology specimen types, container sizes, streak patterns, protocols and workflows. Features include automatic decapping, automatic bar-coding and familiar text-book style or bespoke streak patterns.

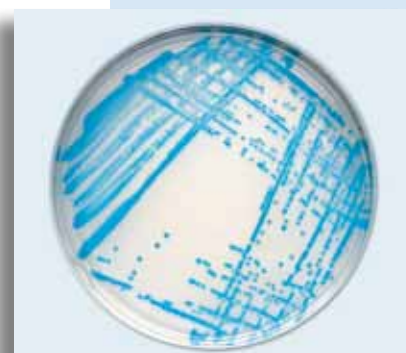
## BD Prepared Plated Media (PPM)

### 90 mm Plates

PRODUCT CODE	SIZE	DESCRIPTION
254443	20	Aeromonas Yersinia Agar
A selective differential medium for the isolation of both <i>Yersinia enterocolitica</i> and <i>Aeromonas</i> spp. from a variety of clinical and nonclinical specimens. Aeromonas Yersinia Agar is a modification of CIN Agar that supports growth of <i>Aeromonas</i> species due to a reduced cefsulodin concentration and also supports growth of <i>Yersinia enterocolitica</i> .		
254480	20	Bacteroides Bile Esculin Agar with Amikacin
Selective medium for the isolation and presumptive identification of the <i>Bacteroides fragilis</i> group.		
255084	20	Baird Parker Agar
A moderately selective and differential medium for the isolation and enumeration of <i>Staphylococcus aureus</i> in foods, environmental and clinical specimens.		
221808	10	BCYE Agar
257321	120	Used in qualitative procedures for isolation of <i>Legionella</i> species from clinical and nonclinical samples.
254546	20	Bifidobacterium Agar Beerens, modified
Partially selective medium for the isolation of bifidobacteria from human stool specimens.		
256054	20	Bordetella Agar with charcoal and 7% Horse Blood
A selective medium for the isolation of <i>Bordetella pertussis</i> and <i>B. parapertussis</i> .		
254400	20	Bordet Gengou Agar with 15% Sheep Blood
A selective medium for the isolation of <i>Bordetella pertussis</i> and <i>B. parapertussis</i> .		
255003	20	Brain Heart Infusion (BHI) Agar
A general-purpose medium suitable for the cultivation of a wide variety of organism types, including bacteria, yeasts and filamentous fungi.		



255544	20	Brain Heart Infusion Agar with 10% Sheep Blood (Deep Fill)
For the isolation and cultivation of fastidious and other organisms, especially those requiring blood for growth. It may also be used for the cultivation of pathogenic fungi and aerobic Actinomycetales.		
212097	20	Brilliant Green Agar
Highly selective medium for the isolation of <i>Salmonella</i> other than <i>Salmonella</i> Typhi from faeces and other materials.		
254490	20	Brilliant Green Agar, Modified
For isolating <i>Salmonella</i> from water, sewage and foodstuffs.		
256501	20	Bromocresol Purple Lactose Agar
A differential, non-selective medium for the isolation and enumeration of bacteria from urine. It supports the growth of urinary pathogens and contaminants but prevents undue swarming of <i>Proteus</i> species due to its lack of electrolytes.		
255027	20	Brucella Agar with 5% Horse Blood
A non-selective medium which is used for the isolation and growth of both fastidious and nonfastidious bacterial species, including <i>Brucella</i> , <i>Haemophilus</i> and <i>Streptococcus pneumoniae</i> .		
255509	20	Brucella Blood Agar with Hemin and Vitamin K1
An enriched, non-selective medium for the isolation and cultivation of a wide variety of obligately anaerobic microorganisms.		
215221	20	Campy Cefex Agar
292487	100	Used for the primary isolation and cultivation of <i>Campylobacter jejuni</i> subsp. <i>jejuni</i> from human faecal specimens.
299614	20	Campy CSM Agar
Selective blood-free agar for Campylobacta. Consists of Columbia Agar Base supplemented with activated charcoal, hematin, sodium pyruvate and three antimicrobial agents (cefoperazone, cyclohexamide and vancomycin).		
254001	20	Campylobacter Agar with 10% Sheep Blood (Campy-BAP)
254069	120	A selective medium for the primary isolation of <i>Campylobacter jejuni</i> and other cephalothin-resistant <i>Campylobacter</i> species from stool specimens.
254403	20	Campylobacter Agar with Cefoperazone without Blood
254095	120	Campylobacter Selective Medium, Bloodfree is a selective medium for the isolation of <i>Campylobacter</i> species from intestinal and other specimens.
256058	20	Campylobacter Agar (Butzler) with 7% Horse Blood
A selective medium for the isolation of <i>Campylobacter</i> species from clinical and other specimens.		
254464	20	Campylobacter Agar (Skirrow) with 7% Horse Blood
A selective medium for the isolation of <i>Campylobacter</i> species from clinical and other specimens.		
221739	20	CDC Anaerobe 5% Sheep Blood Agar with PEA
CDC Anaerobe 5% Sheep Blood Agar with Phenylethyl Alcohol (PEA) is used for the selective isolation of fastidious and slow-growing, obligately anaerobic bacteria from a variety of clinical and nonclinical materials.		
256506	20	CDC Anaerobe Blood Agar
CDC Anaerobe 5% Sheep Blood Agar is used for the isolation and cultivation of fastidious and slow growing, obligate anaerobic bacteria.		
221846	20	CDC Anaerobe Laked Sheep Blood Agar with KV
Contains Kanamycin and Vancomycin for the selective isolation of fastidious, slow growing, anaerobic bacteria from a variety of clinical and nonclinical materials.		
256180	20	Cepacia Medium
A selective differential medium for the isolation of <i>Burkholderia cepacia</i> from clinical specimens (in particular mucoviscidosis patients).		



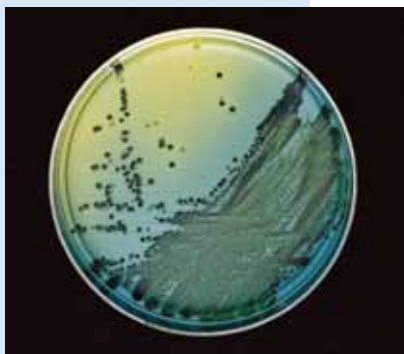


257011	20	Chocolate Agar / Blood Agar No. 2
257456	120	Chocolate Agar (Blood Agar No. 2 Base) is a medium for the isolation and cultivation of fastidious microorganisms, especially <i>Neisseria</i> and <i>Haemophilus</i> species from clinical specimens.
254046	20	Chocolate Agar with BD IsoVitaléX™ and Bacitracin
		A selective medium for the isolation of <i>Haemophilus influenzae</i> from clinical specimens.
257480	20	BBL™ CHROMagar™ Candida
254106	120	A chromogenic medium for the isolation and differentiation of <i>Candida albicans</i> , <i>C. tropicalis</i> and <i>C. krusei</i> . Due to the differences in morphology and colours of the yeast colonies, this medium facilitates the detection of mixed yeast cultures in specimens. It may also be used as a selective isolation medium for other yeasts and for filamentous fungi.
215085	20	BBL™ CHROMagar™ Listeria
		A chromogenic medium for the isolation, differentiation and identification of <i>Listeria monocytogenes</i> and <i>L. ivanovii</i> from food and environmental samples.
257434	20	BBL™ CHROMagar™ MRSA II
257435	120	The new BBL™ CHROMagar™ MRSA II is a selective and differential medium for the direct detection of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) from clinical specimens.
254105	20	BBL™ CHROMagar™ O157
		A chromogenic medium for the selective isolation, differentiation and presumptive identification of <i>E. coli</i> O157:H7 strains from clinical, veterinary, food and environmental sources.
257481	20	BBL™ CHROMagar™ Orientation
254107	120	A non-selective chromogenic medium for the isolation, direct identification, differentiation and enumeration of urinary tract pathogens.
254104	20	BBL™ CHROMagar™ Salmonella
		A selective chromogenic and differential medium for the isolation and presumptive identification of <i>Salmonella</i> directly from stool specimens and from enrichments such as Selenite broth. It may also be used for the isolation of <i>Salmonella</i> from specimens other than faeces such as food and water.
257074	20	BBL™ CHROMagar™ Staph Aureus
257099	120	A selective differential medium for the isolation, enumeration and identification of <i>S. aureus</i> from clinical sources and food (without the use of confirmatory testing for clinical sources).
255529	20	CLED Bevis (H) with Andrades Agar
		CLED Agar (Bevis) is a modified CLED Agar used for the isolation and enumeration of bacteria in urine specimens.
254003	20	CLED (Cystine Lactose Electrolyte Deficient) Agar
254070	120	CLED Agar is a differential culture medium for use in isolating and enumerating bacteria in urine. It supports the growth of urinary pathogens and contaminants but prevents undue swarming of <i>Proteus</i> species due to its lack of electrolytes.
222228	10	Clostridium difficile Agar
		CDSA Agar is recommended as a selective and differential medium for the primary isolation of <i>Clostridium difficile</i> from faecal specimens.
254406	20	Clostridium difficile Agar with 7% Sheep Blood
		A selective medium for the primary isolation of <i>Clostridium difficile</i> from faecal specimens.
256006	20	Columbia Agar with 5% Horse Blood
		A highly nutritious general purpose medium for the isolation and cultivation of nonfastidious and fastidious microorganisms from clinical and nonclinical materials.



254005	20	Columbia Agar with 5% Sheep Blood
254071	120	A highly nutritious general purpose medium for the isolation and cultivation of nonfastidious and fastidious microorganisms from a variety of clinical and nonclinical materials. It derives its superior growth-supporting properties from the combination of two peptones and yeast extract as a supplier of the B-complex vitamins.
254007	20	Columbia CNA Agar with 5% Sheep Blood
254072	120	This is a selective and differential medium used for the isolation of gram positive microorganisms from clinical and nonclinical materials.
257303	20	Columbia CNA Agar with 5% Sheep Blood, Improved
257306	120	A selective medium used for the isolation of gram positive microorganisms, especially staphylococci and streptococci, from clinical specimens. Columbia agar provides a highly nutritious medium. The addition of the antimicrobial agents, colistin, nalidixic acid and aztreonam renders the medium selective for gram positive microorganisms, especially streptococci and staphylococci. Sheep blood allows detection of haemolytic reactions which are especially important in the presumptive diagnosis of streptococci.
254097	20	Columbia III Agar with 5% Sheep Blood
254098	120	A highly nutritious general purpose medium for the isolation and cultivation of nonfastidious and fastidious microorganisms from a variety of clinical and nonclinical materials.
254012	20	DCLS Agar (Desoxycholate Citrate Lactose Saccharose Agar)
		A moderately selective differential medium for isolation of <i>Salmonella</i> , <i>Shigella</i> and cholera vibrios from clinical and other specimens.
254429	20	Dermatophyte Agar
		A selective medium for the isolation of pathogenic fungi from cutaneous sources such as skin, hair and nails.
254010	20	Desoxycholate Agar
		Desoxycholate Agar is a slightly selective and differential medium used for isolating and differentiating Gram-negative enteric bacilli (mainly Enterobacteriaceae).
255506	20	DNase Test Agar
		Differential medium used for the detection of deoxyribonuclease activity to aid in the identification of bacteria isolated from clinical specimens.
254014	20	EMB Agar (Eosin Methylene Blue Agar)
254073	120	EMG Agar, Modified, Holt-Harris and Teague is a slightly selective and differential medium for the isolation and differentiation of Gram-negative enteric bacilli (Enterobacteriaceae and several other Gram-negative rods) from clinical and nonclinical specimens.
254016	20	Endo Agar
254074	120	A slightly selective and differential medium for the isolation, cultivation and differentiation of Enterobacteriaceae and several other Gram-negative rods from clinical and nonclinical specimens.
254019	20	Enterococcosel™ Agar
		Selective medium for the isolation and enumeration of faecal enterococci from clinical and nonclinical specimens.
292234	20	Enterococcosel™ Agar with Vancomycin
		Used for primary screening of asymptomatic gastrointestinal carriage of vancomycin resistant enterococci (VRE).
254094	20	Gardnerella Selective Agar with 5% Human Blood
		Partially selective and differential medium for the isolation of <i>Gardnerella vaginalis</i> from clinical specimens.
254060	20	GC-Chocolate Agar
254089	120	Chocolate Agar (GC II Agar with BD IsoVital™) is a non-selective medium for the isolation and cultivation of fastidious microorganisms, especially Neisseria and Haemophilus species, from a variety of clinical specimens.





254554	20	GC-Lect™ Agar
254555	120	Selective medium providing enhanced growth and recovery of <i>Neisseria gonorrhoeae</i> and better inhibition of contaminating bacteria and fungi, including <i>Capnocytophaga</i> species in oropharyngeal specimens.
254050	20	Group A, Selective Strep Agar with 5% Sheep Blood
		A selective medium for use in the isolation and presumptive identification of Group A Streptococci from throat cultures and other specimens.
257079	20	Group B Streptococcus Differential Agar (Granada Medium)
		Used for the isolation and identification of <i>Streptococcus agalactiae</i> (Group B <i>Streptococcus</i> ) from clinical specimens.
254058	20	Haemophilus Test Medium
		Used in the antimicrobial disc diffusion susceptibility procedure for <i>Haemophilus influenzae</i> and related species as described in the Approved Standard M2-A7, published by the National Committee for Clinical Laboratory Standards (CLSI, formerly NCCLS).
257026	20	Heart Infusion Agar with 5% Sheep Blood
		Heart Infusion Agar (HIA) with 5% Sheep Blood is a general purpose medium used for the isolation and cultivation of fastidious and nonfastidious microorganisms from clinical specimens.
254009	20	Hektoen Enteric Agar
254075	120	Hektoen Enteric Agar is a moderately selective and differential medium for the isolation and differentiation of Gram-negative enteric microorganisms from both clinical and nonclinical specimens. It is of particular importance as a medium for the isolation of <i>Shigella</i> and <i>Salmonella</i> species.
254430	20	Helicobacter Agar
		Helicobacter Agar is a selective medium for the isolation of <i>Helicobacter pylori</i> from gastric specimens.
254021	20	Iso RES Agar
254076	120	A semi-defined medium, identical in formulation to that of Iso-sensitest Agar. Used for susceptibility testing of nonfastidious organisms with the agar diffusion (Kirby-Bauer) method.
254413	20	Kimmig Agar
		Used for the isolation, cultivation and maintenance of fungi from clinical and other sources.
255011	20	LBS Agar
		A semi-defined, partially selective medium for the isolation and enumeration of lactobacilli from foods and from intestinal, vaginal and dental flora.
254550	120	Legionella BCYE Agar without Antibiotics (conform NEN)
		A medium for the detection and presumptive identification of <i>Legionella</i> species from water.
254552	120	Legionella BCYE Agar without L-Cysteine (conform NEN)
		Buffered Charcoal Yeast Extract Agar is used for the isolation and cultivation of <i>Legionella</i> species.
221808	10	Legionella BCYE Agar with L-Cysteine
		Buffered Charcoal Yeast Extract Agar is used for the isolation and cultivation of <i>Legionella</i> species.
254549	120	Legionella BCYE Agar with L-Cysteine and Antibiotics
254414	20	Legionella BCYE Agar with Vancomycin and Colistin
254543	120	Selective medium for isolation of <i>Legionella</i> species from water and clinical specimens.



257007	20	Legionella GVPC Medium
Selective medium for <i>Legionella</i> species.		
256009	20	MacConkey Agar without Salt
257286	120	This is a differential medium for the isolation of Enterobacteriaceae, staphylococci and enterococci from specimens of sanitary importance and from clinical specimens such as urines.
256008	20	MacConkey Agar without Crystal Violet
This is a differential medium for the isolation of Enterobacteriaceae, staphylococci and enterococci from specimens of sanitary importance and from clinical specimens such as urines.		
254455	20	MacConkey Agar with Sorbitol
This is a partially selective differential medium for the isolation of <i>E. coli</i> O157:H7 from clinical, veterinary, food and environmental sources.		
254025	20	MacConkey II Agar
254078	120	MacConkey II Agar is a selective and differential medium for the isolation and differentiation of Enterobacteriaceae and a variety of other Gram-negative rods from clinical and nonclinical specimens.
221938	20	MacConkey II Agar with MUG
Used for the presumptive identification of <i>Escherichia coli</i> .		
254027	20	Mannitol Salt Agar
254079	120	Mannitol Salt Agar is a selective and differential medium for the isolation and enumeration of staphylococci from clinical and nonclinical specimens and their differentiation according to mannitol fermentation.
257021	20	Mannitol Salt Agar with Oxacillin
Used for the detection and isolation of methicillin resistant <i>Staphylococcus aureus</i> (MRSA) in clinical specimens.		
254029	20	Martin Lewis Agar, Modified
This is an enriched medium for the selective isolation of <i>Neisseria gonorrhoeae</i> and <i>N. meningitidis</i> from clinical specimens containing mixed flora of bacteria and fungi.		
214986	20	MI Agar
For the simultaneous chromogenic-fluorogenic detection and enumeration of total coliforms and <i>E. coli</i> in drinking water by membrane filtration technique. Conforms with US EPA Approved Method 1604.		
254520	20	Middlebrook 7H10 Agar
254521	120	Used in qualitative procedures for the isolation and cultivation of Mycobacteria.
255086	20	Modified CNA Agar with Crystal Violet and 5% Sheep Blood
This is a selective medium for the isolation of streptococci and enterococci and inhibits staphylococci and Gram-negative bacteria.		
215044	20	mTEC Agar
Modified mTEC Agar is a selective culture medium used for the chromogenic detection and enumeration of thermotolerant <i>E. coli</i> in water by the membrane filtration technique.		
254035	20	Mueller Hinton Chocolate Agar
254082	120	May be used for the susceptibility testing of <i>Neisseria gonorrhoeae</i> and for the isolation and cultivation of fastidious bacteria from clinical specimens.
254032	20	Mueller Hinton II Agar
254081	120	Mueller Hinton II Agar, available in several plate formats and package sizes, is used in the standardised disc diffusion procedure for determining the susceptibility of rapidly growing aerobic organisms to antimicrobial agents.





254030	20	Mueller Hinton II Agar with 5% Sheep Blood
254080	120	BD Mueller Hinton Agar with 5% Sheep Blood, available in several plate formats and package sizes, is recommended for disc diffusion susceptibility testing of <i>Streptococcus pneumoniae</i> and other streptococci as standardised by CLSI (formerly the National Committee for Clinical Laboratory Standards, NCCLS).
254063	20	Mycoplate MS Agar
		A non-selective medium for cultivation of fungi and differentiation of yeast (genus <i>Candida</i> ) based on morphological markers.
254417	20	Mycosel™ Agar
		A highly selective medium for the isolation of pathogenic fungi from materials having a large flora of other fungi and bacteria.
257004	20	MYP Agar
		Selective medium for the isolation and differentiation of <i>Bacillus cereus</i> from foods.
254444	20	Neomycin Agar with 5% Sheep Blood
		A selective medium used for the isolation of group A and B streptococci.
254481	20	OFPBL Agar
299970	20	Used in the selective isolation and detection of <i>Burkholderia cepacia</i> from clinical and nonclinical specimens.
254570	20	Oxacillin Screen Agar (MRSA Screen Agar)
		Oxacillin Screen Agar (originally named MRSA Screen Agar) was developed for the detection of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). Since the method to detect MRSA uses the same inoculum as the Bauer-Kirby antimicrobial disc susceptibility test procedure, the oxacillin screen test may be conveniently performed on isolates at the same time as routine susceptibility testing.
254483	20	Plate Count Agar
		Also known as Standard Methods Agar, this is a standard methods medium used for enumerating aerobic bacteria in water, wastewater, foods and dairy products.
254108	20	Potato Glucose Agar
		Used for the cultivation and enumeration of yeasts and moulds.
254419	20	Pseudosel™ Agar
		Used for the selective isolation of <i>Pseudomonas aeruginosa</i> from a variety of specimens.
257002	20	Pseudomonas Isolation Agar
		Used in isolating <i>Pseudomonas</i> and differentiating <i>Pseudomonas aeruginosa</i> from other pseudomonads based on pigment formation.
257008	20	R2A Agar
257073	120	A ready-to-use medium for the performance of heterotrophic plate counts and for subcultures of bacteria isolated from potable water samples. It is recommended for use in standard methods for pour plate, spread plate and membrane filter analysis.
254091	20	Sabouraud Agar with Chloramphenicol 400ug
		A selective medium for the isolation of fungi from clinical and nonclinical material.
254451	20	Sabouraud Agar with Penicillin and Streptomycin
		A selective medium for the isolation of fungi that exhibit inhibition of bacteria.
254039	20	Sabouraud Glucose Agar
254083	120	Also known as Sabouraud Dextrose Agar, this is used for the isolation and cultivation of fungi from clinical and nonclinical material.
254041	20	Sabouraud with Gentamycin and Chloramphenicol Agar
254096	120	A selective medium for the isolation of fungi from clinical and nonclinical material.

254047	20	Salmonella Shigella Agar (SS Agar)
254085	120	Differential selective medium for the isolation of pathogenic enteric bacilli, especially those belonging to the genus <i>Salmonella</i> .
254042	20	Schaedler Agar with 5% Sheep Blood and Vitamin K1
254084	120	A highly nutritious medium for the isolation and cultivation of fastidious anaerobic microorganisms.
254485	20	Schaedler CNA Agar with 5% Sheep Blood
		A partially selective medium for the isolation of strictly anaerobic gram positive cocci and other anaerobic gram positive bacteria from clinical specimens.
254023	20	Schaedler Kanamycin/Vancomycin Agar with 5% Sheep Blood
254077	120	A highly nutritious, selective medium for the isolation of fastidious Gram-negative anaerobic microorganisms, especially <i>Bacteroides</i> and <i>Prevotella</i> species and a variety of other Gram-negative anaerobes.
221183	20	Serum Tellurite Agar
		A selective and differential medium used for isolation of members of the genus <i>Corynebacterium</i> , particularly in the laboratory diagnosis of diphtheria.
221870	10	Seven H11 Agar (Deep Fill)
		Used in qualitative procedures for isolation and cultivation of mycobacteria, especially <i>Mycobacterium tuberculosis</i> , from clinical and nonclinical specimens.
254432	20	TCBS Agar
		Thiosulfate Citrate Bile Salts Sucrose Agar (TCBS) is a selective differential medium used for the selective isolation of cholera vibrios and <i>Vibrio parahaemolyticus</i> from a variety of clinical and nonclinical specimens.
254051	20	TSA
254086	120	Tryptic Soy Agar, also known as Trypticase Soy Agar and Soybean-Casein Digest Agar, is a general purpose medium which supports the growth of nonfastidious as well as moderately fastidious microorganisms.
212099	20	TSA II with 5% Horse Blood
		This is a nutritious general purpose medium for the isolation and cultivation of nonfastidious and fastidious microorganisms from a variety of clinical and nonclinical materials and the detection of haemolytic reactions.
254053	20	TSA II with 5% Sheep Blood
254087	120	This is a nutritious general purpose medium for the isolation and cultivation of nonfastidious and fastidious microorganisms from a variety of clinical and nonclinical materials and the detection of haemolytic reactions.
222204	10	Vancomycin Screen Agar
		Vancomycin Screen Agar supports dependable testing for enterococcal isolates exhibiting vancomycin resistance.
254486	20	VRBG Agar
		Violet Red Bile Glucose Agar is used for the enumeration and isolation of Enterobacteriaceae from foods and dairy products.
254479	20	Wilkins-Chalgren Agar with Amikacin and 7% Sheep Blood
		A selective medium for the isolation of strictly anaerobic bacteria from clinical specimens. Due to the amikacin, most facultative organisms will be inhibited.
254055	20	Xylose Lysine Desoxycholate Agar (XLD Agar)
254090	120	A moderately selective and differential medium for the isolation and differentiation of Gram-negative enteric pathogens from both clinical and nonclinical specimens ( <i>Salmonella</i> and <i>Shigella</i> ).
254056	20	Yersinia Agar
254088	120	Also known as Yersinia Selective Agar, CIN Agar and Cefsulodin Irgasan Novobiocin Agar, this is a selective differential medium for the isolation of <i>Yersinia enterocolitica</i> .





## 90 mm Biplates

PRODUCT CODE	SIZE	DESCRIPTION
254489	20	CHROMagar™ Orientation / Columbia CNA Agar with 5% Sheep Blood  Used for the isolation of bacteria commonly involved in urinary tract infections. While BD CHROMagar™ Orientation is a chromogenic non-selective medium for the isolation, differentiation and identification of urinary tract pathogens, Columbia CNA Agar is a selective medium for the isolation of Gram-positive bacteria.
221600	20	Columbia CNA Agar with 5% Sheep Blood / MacConkey II Agar  Columbia CNA Agar with 5% Sheep Blood is a selective and differential medium used for the isolation of Gram-positive microorganisms. MacConkey II Agar is a slightly selective and differential medium for the detection of coliform organisms and enteric pathogens.
254553	20	DCLS Agar (Desoxycholate-Citrate-Lactose-Sucrose) / Hektoen Enteric Agar  DCLS Agar is a moderately selective differential medium for isolation of <i>Salmonella</i> , <i>Shigella</i> and <i>Cholera vibrios</i> . Hektoen Enteric Agar is a moderately selective and differential medium for the isolation and differentiation of Gram-negative enteric microorganisms.
221783	20	Group A Selective Strep Agar (SSA™) / TSA with 5% Sheep Blood (TSA II™)  Group A Selective Strep Agar with 5% Sheep Blood is recommended as a primary selective plating medium for the isolation of group A streptococci ( <i>S. pyogenes</i> ) from throat cultures and other specimens in which the presence of <i>S. pyogenes</i> is suspected. BD Trypticase™ TSA II is used for cultivating fastidious microorganisms and for the visualisation of haemolytic reactions produced by many bacterial species.
254447	20	MacConkey Agar / Columbia CNA Agar with 5% Sheep Blood  MacConkey Agar in combination with Columbia CNA Agar with 5% Sheep Blood is used for the selective isolation of Gram-negative and Gram-positive bacteria from clinical specimens.
298292	100	Middlebrook 7H10 Agar / Seven H11 Agar  Used for the isolation, cultivation and susceptibility testing of mycobacteria. The selective Seven H11 Agar is 7H11 Agar modified by the addition of four antimicrobial agents: polymyxin B, carbenicillin, amphotericin B and trimethoprim lactate.
254515	20	Sabouraud Glucose Agar / CHROMagar™ Candida  Sabouraud Glucose Agar in combination with BD CHROMagar™ Candida is used for the selective isolation of fungi and for the isolation and identification of <i>Candida albicans</i> , <i>Candida tropicalis</i> and <i>Candida krusei</i> from clinical specimens.
254476	20	Schaedler Agar / Schaedler KV Agar with 5% Sheep Blood  Used for the non-selective isolation of anaerobes and for the selective isolation of fastidious Gram-negative anaerobic microorganisms, especially <i>Bacteroides</i> and <i>Prevotella</i> species and a variety of Gram-negative anaerobes.
221290	20	TSA with 5% Sheep Blood (TSA II™) / MacConkey II Agar  BD Trypticase™ TSA II is a nutritious general purpose medium for the cultivation of fastidious microorganisms and the detection of haemolytic reactions. MacConkey II Agar is a selective and differential medium for the detection of coliform organisms and enteric pathogens.
221291	100	
254493	20	Xylose Lysine Desoxycholate Agar / Brilliant Green Agar, Modified  Brilliant Green Agar Modified and XLD Agar in biplate format are used for isolating <i>Salmonella</i> and <i>Shigella</i> from water, sewage and foodstuffs or clinical specimens.
257372	20	Xylose Lysine Desoxycholate Agar / CHROMagar™ Salmonella  BD CHROMagar™ Salmonella and XLD Agar in biplate format are used for isolating <i>Salmonella</i> and <i>Shigella</i> from water, sewage and foodstuffs or clinical specimens.

## 90 mm Quad Plates

PRODUCT CODE	SIZE	DESCRIPTION
222201	10	Enterococcus Screen Agar with antibiotic quadrants  90 mm plate of Enterococcus Screen Agar QUAD Plate with quadrants of Streptomycin / Gentamicin / Vancomycin.
297890	10	Hemo (Hemophilus) ID Quad Agar  90 mm plate containing one quadrant with X factor enriched medium, one with V factor enriched medium, one with both X and V factors-enriched medium, and one with horse blood to determine growth and haemolysis.



## 120 mm Square Plates

PRODUCT CODE	SIZE	DESCRIPTION
254518	20	Mueller Hinton II Agar, square, 120 mm  Mueller Hinton II Agar, available in several plate formats and package sizes, is used in the standardised disc diffusion procedure for determining the susceptibility of rapidly-growing aerobic organisms to antimicrobial agents.
254517	20	Mueller Hinton Agar with Sheep Blood, square, 120 mm  Mueller Hinton Agar with 5% Sheep Blood, available in several plate formats and package sizes, is recommended for disc diffusion susceptibility testing of <i>Streptococcus pneumoniae</i> and other streptococci as standardised by CLSI.

## 150 mm Plates

PRODUCT CODE	SIZE	DESCRIPTION
221240	8	GCII Agar with IsoVitaleX™  Used for antimicrobial disc diffusion susceptibility testing of <i>Neisseria gonorrhoeae</i> .
221954	8	Haemophilus Test Medium Agar  HTM Agar is used in the antimicrobial disc diffusion susceptibility procedure for <i>Haemophilus influenzae</i> and related species as described in the Approved Standard M2-A7, published by the National Committee for Clinical Laboratory Standards (CLSI, formerly NCCLS).
254062	20	Mueller Hinton II Agar  Mueller Hinton II Agar, available in several plate formats and package sizes, is used in the standardised disc diffusion procedure for determining the susceptibility of rapidly-growing aerobic organisms to antimicrobial agents.
255080	20	Mueller Hinton Agar with 5% Sheep Blood  BD BBL™ Mueller Hinton Agar with 5% Sheep Blood, available in several plate formats and package sizes, is recommended for disc diffusion susceptibility testing of <i>Streptococcus pneumoniae</i> and other streptococci as standardised by CLSI (formerly the National Committee for Clinical Laboratory Standards NCCLS).
257005	20	Trypticase™ Soy Agar  General purpose medium which supports the growth of nonfastidious as well as moderately fastidious microorganisms.

## BD BBL™ Prepared Tubed Media (PTM)



### Liquid & Solid Media in BD BBL™ Prepared Tubes

PRODUCT CODE	SIZE	DESCRIPTION
221828	10 slants	Acetamide Agar Used in the differentiation of nonfermentative Gram-negative bacteria, particularly <i>Pseudomonas aeruginosa</i> .
297814	10 x 8 ml	Alkaline Peptone Water An enrichment medium used for the cultivation of <i>Vibrio</i> species from faeces and other infected materials.
221409	10 slants	Bile Esculin Agar
221410	100 slants	Used to differentiate enterococci and the <i>Streptococcus bovis</i> group from other streptococci.
266810	12 x 20 ml	Bovine Albumin 5% Used to enrich media for cultivating a large variety of microorganisms and tissue cells. Bovine albumin is also known as Bovine Serum Albumin or BSA.
295757	100 slants	Brain Heart CC Agar with 10% Sheep Blood and Gentamicin A selective medium used for the isolation of pathogenic fungi from specimens heavily contaminated with bacteria and saprophytic fungi. Gentamicin is an aminoglycoside antibiotic that inhibits the growth of gram-negative and some gram-positive bacteria.
221812	10 x 5 ml	Brain Heart Infusion Broth (BHI)
221813	100 x 5 ml	A general purpose liquid medium used in the cultivation of fastidious and nonfastidious microorganisms.
220837	100 x 8 ml	
221785	10 tubes	Brain Heart Infusion with 6.5% Sodium Chloride, 0.5 ml Used to differentiate the enterococci from nonenterococcal group D streptococci by the 6.5% salt tolerance test.
297640	100 x 10 ml	Brain Heart Infusion with 0.1% Agar For the cultivation of anaerobes.
297200	10 x 9 ml	Brain Heart Infusion with Fildes Enrichment For the growth of fastidious organisms.
29625	10 slants	Brain Heart Infusion Agar with 10% Sheep Blood
254077	120	BHI Agar is a general purpose medium suitable for the cultivation of a wide variety of organism types, including bacteria, yeasts and moulds. With the addition of 10% sheep blood, it is used for the isolation and cultivation of a wide variety of fungal species, including systemic fungi, from clinical and nonclinical specimens.
221633	10 x 8 ml	CTA Medium with Dextrose Primarily used for carbohydrate fermentation tests with corynebacteria and especially for differentiation of <i>C. diphtheriae</i> from related species.
221635	10 x 8 ml	CTA Medium with Lactose Primarily used for carbohydrate fermentation tests with corynebacteria and especially for differentiation of <i>C. diphtheriae</i> from related species.
221637	10 x 8 ml	CTA Medium with Maltose Primarily used for carbohydrate fermentation tests with corynebacteria and especially for differentiation of <i>C. diphtheriae</i> from related species.



221747	10	Campylobacter Thioglycollate Medium with 5 Antimicrobics
Primarily used for carbohydrate fermentation tests with corynebacteria and especially for differentiation of <i>C. diphtheriae</i> from related species.		
233331	6 x 10 ml	Chlortetracycline (Antimicrobial Vial A)
Contains 25 mg sterile desiccated chlortetracycline per 10 ml vial.		
295872	10 slants	Chocolate II Agar (GCII Agar with Haemoglobin and IsoVitaleX™)
An improved medium for use in qualitative procedures for the isolation and cultivation of fastidious microorganisms, especially <i>Neisseria</i> and <i>Haemophilus</i> species, from a variety of clinical specimens.		
297307	10	Chopped Meat Carbohydrate Broth, PR II
Pre-reduced medium used in the enrichment, cultivation and maintenance of anaerobic microorganisms, particularly obligate anaerobes.		
221507	10 x 8 ml	Cooked Meat Medium
For the cultivation of anaerobes, especially pathogenic clostridia.		
221508	100 x 8 ml	
295982	10 slants	Cooked Meat Medium with Glucose, Hemin and Vitamin K <sub>1</sub>
For the cultivation of anaerobes, especially pathogenic clostridia. Cooked Meat Medium with Glucose, Hemin and Vitamin K <sub>1</sub> is also recommended as a subculture medium for anaerobic isolates to be examined by gas liquid chromatography.		
298318	100 x 9 ml	D/E Neutralizing Broth
D/E (Dey/Engley) Neutralizing Broth is for the neutralization and testing of antiseptics and disinfectants according to the procedure of Engley and Dey.		
221661	10 x 5 ml	Decarboxylase Broth with Lysine, Moeller
Moeller Decarboxylase Broth with Lysine is used in the biochemical differentiation of Gram-negative enteric bacilli based on the production of arginine dihydrolase and lysine and ornithine decarboxylase.		
221662	100 x 5 ml	
221663	10 x 5 ml	Decarboxylase Broth with Ornithine, Moeller
Moeller Decarboxylase Broth with Ornithine is used in the biochemical differentiation of Gram-negative enteric bacilli based on the production of arginine dihydrolase and lysine and ornithine decarboxylase.		
257147	50 x 15 ml	Dermatophyte Test Medium Agar
A selective medium for the isolation of pathogenic fungi from superficial infections such as skin, hair and nails. Prepared slants in 30 ml vial with plastic screw cap and 15 ml fill volume.		
299701	10 slants	Dermatophyte Test Medium, Modified, with Chloramphenicol
Dermatophyte Test Medium (DTM) is a selective and differential medium used for the detection and presumptive identification of dermatophytes from clinical and veterinary specimens. Because of the unavailability of one of the inhibitory agents, chlorotetracycline, Dermatophyte Test Medium (DTM), Modified with Chloramphenicol is recommended as a substitute for the original DTM formulation.		
257165	50 x 4.5 ml	Dorset Egg Medium
A coagulated egg medium used for cultivation, maintenance and transport of pure cultures of mycobacteria and other fastidious and nonfastidious microorganisms. 15 ml vial with screw cap and 4.5 ml fill.		
295697	10	Dubos Broth, Enriched
Used for the cultivation of pure cultures of <i>M. tuberculosis</i> .		
230910	12 x 20 ml	Dubos Medium Albumin
Used with Dubos Broth Base for rapidly cultivating pure cultures of <i>Mycobacterium tuberculosis</i> .		

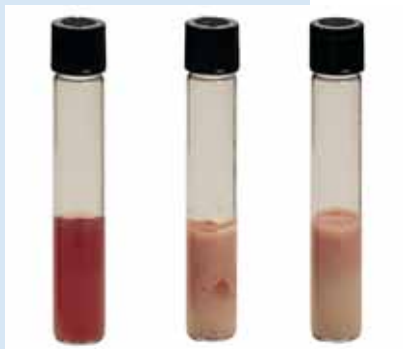




233471	12 x 10 ml	Egg Yolk Enrichment 50%	Used with MYP Agar (cat. no. 281010) and Antimicrobial Vial P (cat. no. 232681) for enumerating <i>Bacillus cereus</i> from foods. Use with McClung Toabe Agar Base (cat. no. 294110) for isolating and detecting <i>Clostridium perfringens</i> in foods.
221381	10 slants	Enterococcosel™ Agar	A Bile Esculin Agar with Azide, this is used for the rapid, selective detection and enumeration of enterococci.
221383	10 tubes	Enterococcosel™ Broth	A Bile Esculin Broth with Azide, this is recommended for use in the differentiation of enterococci and group D streptococci.
211866	10 x 5 ml	Fildes Enrichment	5% Fildes Enrichment may be added to TSB or TSA for cultivation of <i>Haemophilus influenzae</i> . 5% Fildes Enrichment and 20% human serum may be added to Nutrient Agar for Nagler Medium plates for the cultivation of <i>C. perfringens</i> and <i>C. bifermentans</i> .
211742	6 x 10 ml	Fraser Broth Supplement	5% (w/v) solution of Ferric Ammonium Citrate. Used with Fraser Broth Base in selectively enriching and detecting <i>Listeria</i> .
221729	10 x 8 ml	GN Broth (Gram-negative Broth)	Used for the selective enrichment of <i>Salmonella</i> and <i>Shigella</i> .
221730	100 x 8 ml		
222232	10 slants	Herrold's Egg Yolk Agar with Mycobactin J and ANV	Contains Mycobactin J, Amphotericin B, Nalidixic acid and Vancomycin. For the selective isolation and differentiation of <i>Mycobacterium paratuberculosis</i> .
222233	100 slants		
222240	10 slants	Herrold's Egg Yolk Agar without Mycobactin J with ANV	Contains Amphotericin B, Nalidixic acid and Vancomycin. Mycobacteria other than <i>Mycobacterium paratuberculosis</i> will grow on Herrold's Egg Yolk Agar without Mycobactin.
222241	100 slants		
211875	5 x 2 ml	IsoVitaleX™ Enrichment (Lyophilised, with diluent)	Chemically defined supplement developed to replace the yeast concentrate additive. Used for supplementing media to culture fastidious microorganisms, particularly <i>Neisseria gonorrhoeae</i> and <i>Haemophilus influenzae</i> .
211876	10 x 10 ml		
233391	6 x 10 ml	Kanamycin (Antimicrobial Vial K)	Contains 25 mg of Kanamycin per 10 ml vial.
220896	10 slants	Kligler Iron Agar	Used for the differentiation of members of the <i>Enterobacteriaceae</i> on the basis of their ability to ferment dextrose and lactose and to liberate sulfides.
220897	100 slants		
233901	6 x 5 ml	Legionella Agar Enrichment	Supplement for qualitative procedures for isolation of <i>Legionella</i> species from clinical specimens and nonclinical (environmental) samples.
296266	100 x 5 ml	Lim Broth	For the selective enrichment of group B streptococci ( <i>Streptococcus agalactiae</i> ), especially from genital specimens.
243110	6 x 20 ml	Lipase Reagent	For use with Spirit Blue Agar (cat. no. 295020) for detecting and enumerating lipolytic microorganisms.
212402	10 x 2 ml	Listeria Selective Supplement	Used with LPM Agar Base (cat. no. 222120) for isolating and cultivating <i>Listeria monocytogenes</i> .

220908	10 slants	Lowenstein-Jensen Medium
220909	100 slants	LJ Medium is used for the isolation and cultivation of mycobacteria and for the semi-quantitative catalase test. 220908 & 220909 - tube size A 221387 & 221388 - tube size C
221387	10 slants	
221388	100 slants	
221896	10 slants	Lowenstein-Jensen Medium with 5% Sodium Chloride
		Used to characterise certain strains of mycobacteria (e.g. <i>M. fortuitum</i> and <i>M. chelonae</i> subsp. <i>abscessus</i> )
220952	10 slants	Lysine Iron Agar
220953	100 slants	Used for the differentiation of enteric organisms based on their ability to decarboxylate or deaminate lysine and to form hydrogen sulfide.
221517	10 x 5 ml	Motility Indole Ornithine Medium (MIO Medium)
221518	100 x 5 ml	Used to demonstrate motility, indole production and ornithine decarboxylase activity for the differentiation of <i>Enterobacteriaceae</i> . Prepared 5ml deeps.
221322	10 tubes	Malonate Broth, Ewing Modified
		Malonate Broth, as modified by Ewing, is used for the differentiation of coliforms and other enteric organisms.
221832	10 x 5 ml	Middlebrook 7H9 Broth with Glycerol
		Used in qualitative procedures for the cultivation of mycobacteria.
220958	10 slants	Middlebrook and Cohn 7H10 Agar
220959	100 slants	Used in qualitative procedures for the isolation and cultivation of mycobacteria. 220958 & 220959 - tube size A 297396 - tube size C
297396	100 slants	
221509	10 tubes	Motility Test Medium
		For the detection of motility of Gram-negative enteric bacilli.
297220	10 x 5 ml	Mueller Hinton Broth (Not cation-adjusted)
		A general purpose medium that may be used in the cultivation of a wide variety of fastidious and nonfastidious microorganisms. This medium is not supplemented with calcium or magnesium ions.
297701	10 x 5 ml	Mueller Hinton II Broth (Cation-adjusted)
		Intended for use in quantitative procedures for susceptibility testing of rapidly-growing aerobic and facultatively anaerobic bacteria isolated from clinical specimens. It is formulated to have a low thymine and thymidine content and is adjusted to the calcium and magnesium ion concentrations recommended in CLSI standard M7.
220966	10 slants	Mycosel™ Agar
		A highly selective medium containing cycloheximide and chloramphenicol. It is recommended for the isolation of fungi from materials having a large amount of flora of other fungi and bacteria.
220968	10 deeps	Nutrient Agar
220971	100 slants	Used for the cultivation of bacteria and for the enumeration of organisms in water, sewage, faeces and other materials.
221669	10 x 5 ml	Nutrient Broth
257101	10 x 5 ml	Used for the cultivation of many species of nonfastidious microorganisms.





221328	10	OF Basal Medium with Dextrose
221329	100	Oxidation Fermentation media are used for the determination of oxidative and fermentative metabolism of carbohydrates by Gram-negative rods on the basis of acid reaction in either the open or closed system.
211763	6 x 10 ml	Oxford Antimicrobial Supplement, Modified
		Modified Oxford Antimicrobial Supplement is used with Oxford Medium Base (cat. no. 222530) for isolating and differentiating <i>Listeria monocytogenes</i> .
263710	3 x 10 ml	PALCAM Antimicrobial Supplement
		Used with PALCAM Medium base (cat. no. 263620) for isolating and cultivating <i>Listeria</i> , particularly from foods and milk products.
257137	10 x 4 ml	Peptone Water with Glucose and Durham Tube
		4 ml medium in 8 ml vial with screw cap and Durham tube.
257204	50 x 10 ml	Phosphate Buffered Saline
		Used in microbiological procedures that require an isotonic or buffered diluent. 15 ml vial with screw cap and 10 ml fill volume.
232681	6 x 10 ml	Polymyxin B (Antimicrobial Vial P)
		Contains 30,000 units of Polymyxin B per 10 ml vial.
283610	6 x 30 ml	Mycoplasma Supplement
		Sterile desiccated enrichment for use in PPLO media.
212292	10 x 30 ml	Mycoplasma Enrichment without Penicillin
		Sterile desiccated enrichment for use in PPLO media.
231971	6 x 10 ml	Novobiocin Antimicrobial Supplement
		Used with EC Medium, Modified (cat. no. 234020) in the detection of <i>E. coli</i> /O157:H7 in meat and poultry products.
221389	10 slants	Petragnani Medium
		Used in qualitative procedures for the isolation and cultivation of mycobacteria from clinical specimens.
221671	10 tubes	Phenol Red Broth with Adonitol and Durham Tube
		For the determination of fermentation reactions in the differentiation of microorganisms.
221673	10 tubes	Phenol Red Broth with Arabinose and Durham Tube
		For the determination of fermentation reactions in the differentiation of microorganisms.
221705	10 tubes	Phenol Red Broth with Xylose and Durham Tube
		For the determination of fermentation reactions in the differentiation of microorganisms.
221891	10 tubes	Rapid Fermentation Medium with Dextrose
		Rapid method for the differentiation of <i>Neisseria</i> species isolated from clinical specimens.
221893	10 tubes	Rapid Fermentation Medium with Lactose
		Rapid method for the differentiation of <i>Neisseria</i> species isolated from clinical specimens.
221894	10 tubes	Rapid Fermentation Medium with Maltose
		Rapid method for the differentiation of <i>Neisseria</i> species isolated from clinical specimens.
221895	10 tubes	Rapid Fermentation Medium with Sucrose
		Rapid method for the differentiation of <i>Neisseria</i> species isolated from clinical specimens.

298330	10 x 0.5 ml	Rapid Urea Broth	Used for the presumptive identification of <i>Helicobacter pylori</i> in gastric antral biopsy specimens.
257257	50 x 10 ml	Rappaport-Vassiliadis R10 Broth	Rappaport Vassiliadis (RV) R10 Broth is used for selectively enriching <i>Salmonella</i> from meat and dairy products, faeces and sewage-polluted water.
215199	10 x 10 ml	Rappaport-Vassiliadis Salmonella Soy Broth	RVS Soy Broth is used for selectively enriching <i>Salmonella</i> in food and environmental samples. Meets USP, EP and JP performance specifications, where applicable.
214904	10 x 3 ml	Rose Bengal Antimicrobial Supplement C	Used with Rose Bengal Agar Base (cat. no. 218312) in isolating and enumerating yeasts and moulds.
232281	6 x 1 g	Rosolic Acid	Used with m FC Agar (cat. no. 267720) and m FC Broth Base (cat. no. 288330) in cultivating and enumerating faecal coliforms by the membrane filtration technique at elevated temperatures.
297252	10 slants	Sabouraud Brain Heart Infusion Agar with Chloramphenicol and Gentamicin.	Used in qualitative procedures for cultivation of dermatophytes and other pathogenic and nonpathogenic fungi from clinical and nonclinical specimens.
221012	10 slants	Sabouraud Dextrose Agar	Used in qualitative procedures for cultivation of pathogenic and nonpathogenic fungi, particularly dermatophytes. Meets EP, USP and JP performance specifications, where applicable.
221013	100 slants		
296182	100 x 20 ml		
221825	100 slants	Sabouraud Dextrose Agar with Chloramphenicol	Used in qualitative procedures for cultivation of pathogenic and nonpathogenic fungi, particularly dermatophytes. Chloramphenicol is inhibitory to a wide range of Gram-negative and gram positive bacteria. Meets EP, USP and JP performance specifications, where applicable.
297649	10 slants	Sabouraud Dextrose Agar with Chloramphenicol & Cycloheximide	Used in qualitative procedures for cultivation of pathogenic and nonpathogenic fungi, particularly dermatophytes. Chloramphenicol is inhibitory to a wide range of Gram-negative and gram positive bacteria. Cycloheximide is an antifungal agent that is primarily active against saprophytic fungi and does not inhibit yeasts or dermatophytes. Meets EP, USP and JP performance specifications, where applicable.
221014	10 slants	Sabouraud Liquid Broth Modified (Antibiotic Medium 13)	Antibiotic Assay Media are used for determining antibiotic potency by the microbiological assay technique. This medium meets USP performance specifications, where applicable.
221818	10 x 5 ml	Saline, Normal	Saline, Normal (physiological) is used in procedures that require the use of an isotonic diluent.
221819	100 x 5 ml		
297753	100 x 10 ml		
257255	50 x 10 ml		
221541	10	Schaedler Broth with Vitamin K <sub>1</sub>	Used for the cultivation of fastidious aerobic and anaerobic microorganisms.
221542	100		
221020	10 x 8 ml	Selenite-F Broth	Selenite Broth (Selenite-F Broth) is used as an enrichment medium for the isolation of <i>Salmonella</i> from faeces, urine, water, foods and other materials of sanitary importance.
221021	100 x 8 ml		





297711	100 x 20 ml	Selenite Cystine Broth	Selective enrichment medium for the isolation of <i>Salmonella</i> from faeces, foods, water and other materials of sanitary importance.
221024	10 slants	Serum Tellurite Agar	Selective and differential medium used for isolation of members of the genus <i>Corynebacterium</i> , particularly in the laboratory diagnosis of diphtheria.
221391	10 slants	Seven H11 Agar	Used in qualitative procedures for isolation and cultivation of mycobacteria, especially <i>Mycobacterium tuberculosis</i> , from clinical and nonclinical specimens.
297315	10 slants	Selective Seven H11 Agar	The Selective Seven H11 Agar is 7H11 Agar modified by the addition of four antimicrobial agents: polymyxin B, carbenicillin, amphotericin B and trimethoprim lactate.
221958	10 slants	Seven H11 Agar with Aspartic Acid and Sodium Pyruvate	The addition of pyruvate to Seven H11 Agar has been recommended for specimens suspected of containing <i>Mycobacterium bovis</i> . The addition of aspartic acid has been recommended to enhance the production of niacin.
221712	100 tubes	SF Broth	<i>Streptococcus Faecalis</i> Broth is used for the differentiation of <i>Enterococcus</i> species from the <i>Streptococcus bovis</i> group and other streptococci.
221010	10	SIM Medium	Used to differentiate enteric bacilli on the basis of sulfide production, indole formation and motility.
221011	100		
221026	10 slants	Simmons Citrate Agar	For the differentiation of Gram-negative bacteria on the basis of citrate utilisation.
257178	5 x 10 ml	Steiners Fluid	
227610	6 x 10 ml	Supplement B	Used with Eugon Agar (cat. no. 258910) for cultivating a wide variety of microorganisms, especially <i>Neisseria</i> , <i>Francisella</i> and <i>Brucella</i> species. Used in Chocolate Agar for cultivating <i>Neisseria gonorrhoeae</i> and other fastidious microorganisms. Contains glutamine, coenzyme (V factor), cocarboxylase and other growth factors, as well as haematin (X factor).
227620	100 ml		
233541	6 x 10 ml	Supplement VX	Lyophilised concentrate with diluent. Recommended for enriching GC Agar media, Proteose No. 3 Agar and selective agars for the isolation of pathogenic <i>Neisseria</i> .
233542	100 ml		
211917	1 x 20 ml	Tellurite Solution 1%	Used with Tellurite Glycine Agar (cat. no. 261710) for isolating coagulase positive staphylococci.
257329	50 x 5 ml	Tetrathionate Broth Base	Tetrathionate Broth Base, with added iodine-iodide solution, is used as a selective enrichment medium for the isolation of <i>Salmonella</i> from faeces, urine, foods and other materials of sanitary importance.
257328	50 x 10 ml		
221195	10 x 8 ml	Thioglycollate Medium (Fluid Thioglycollate Medium)	Fluid Thioglycollate Medium (FTM) is used for the sterility testing of biologics and for the cultivation of anaerobes, aerobes and microaerophiles. EP and USP compliant, where applicable.
221196	100 x 8 ml		
220888	10 x 20 ml		
221798	100 x 10 ml	Thioglycollate Medium Without Indicator (135C)	Fluid Thioglycollate Medium without indicator (135C) is an enriched general-purpose medium for the recovery of a wide variety of microorganisms, particularly obligate anaerobes, from clinical specimens and other materials.



221741	10 x 5 ml	Thioglycollate Medium, Enriched
221742	100 x 5 ml	Enriched Fluid Thioglycollate Medium is a general purpose medium used in qualitative procedures for the cultivation of fastidious, as well as nonfastidious microorganisms, including aerobic and anaerobic bacteria, from a variety of clinical and nonclinical specimens.
221787	10 x 8 ml	
221788	100 x 8 ml	
297264	100 x 10 ml	Thioglycollate Medium, Enriched, with Calcium Carbonate
		Enriched Thioglycollate Medium with Calcium Carbonate is recommended for the maintenance of stock cultures.
234210	6 x 15 ml	Tinsdale Enrichment Desiccated
		Used with Tinsdale Agar Base (cat. no. 278610) in isolating and differentiating <i>Corynebacterium diphtheriae</i> .
221713	10 x 0.5 ml	Todd Hewitt Broth
221714	10 x 5 ml	General purpose medium, used primarily for the cultivation of beta-haemolytic streptococci, especially for serological studies.
299486	100 tubes	Todd Hewitt Broth with Gentamicin and Nalidixic Acid
		Used for the selective enrichment of group B streptococci ( <i>Streptococcus agalactiae</i> ), especially from genital specimens.
298323	10 tubes	Trichosel™ Broth, Modified, with 5% Horse Serum
		Used for the isolation and cultivation of <i>Trichomonas</i> species.
221038	10 slants	TSI Agar (Triple Sugar Iron Agar)
221039	100 slants	Used for the differentiation of Gram-negative enteric bacilli based on carbohydrate fermentation and the production of hydrogen sulfide.
221082	10 x 20 ml	Trypticase™ Soy Agar (Soybean-Casein Digest Agar)
221086	100 slants	Used for the isolation and cultivation of nonfastidious and fastidious microorganisms. Meets EP, USP and JP performance specifications, where applicable.
221087	100 slants	
297941	100 x 20 ml	Trypticase™ Soy Agar, Modified (TSA II)
		For cultivation of fastidious microorganisms. The combination of casein and soy peptones in TSA II renders the medium highly nutritious.
220830	10 slants	Trypticase™ Soy Agar, Modified, with Defibrinated Sheep Blood
		For cultivating fastidious microorganisms and for the visualisation of haemolytic reactions produced by many bacterial species.
221815	100 x 2 ml	Trypticase™ Soy Broth (Soybean-Casein Digest Broth)
221715	10 x 5 ml	Trypticase™ Soy Broth, also known as Tryptic Soy Broth, TSB and Soybean-Casein Digest Broth, is a general purpose medium used in qualitative procedures for the cultivation of fastidious and nonfastidious microorganisms from a variety of clinical and nonclinical specimens. Meets EP, USP and JP performance specifications, where applicable.
221716	100 x 5 ml	
221092	10 x 8 ml	
221093	100 x 8 ml	
299936	100 x 10 ml	
297811	10 x 21 ml	





297808	100 x 1.5 ml	Trypticase™ Soy Broth with 20% Glycerol
Used for long-term frozen maintenance of bacterial stock cultures.		
231121	1 x 30 ml	TTC solution 1%
Prepared from microbiologically tested 2,3,5-triphenyltetrazolium chloride (TTC) for use in all microbiological methods utilising triphenyltetrazolium chloride. It is used as a redox indicator in culture media for differentiating bacteria.		
257207	50 x 25 ml	Tween® 80, 20 %
30 ml screw-cap vial. 25 ml fill volume.		
221100	10 tubes	Urea Agar Base Concentrate 10 X
Filter sterilised 10 X concentrated solution in tubes for use in preparing Urea Agar slants in the laboratory.		
221096	10 slants	Urea Agar
221097	100 slants	Used for the differentiation of organisms, especially the <i>Enterobacteriaceae</i> , on the basis of urease production.
221719	10 x 3 ml	Urease Test Broth
Used for the differentiation of organisms, especially the <i>Enterobacteriaceae</i> , on the basis of urease production.		
221098	10 tubes	Urease Broth Concentrate 10 X
Filter sterilised 10 X concentrated solution for use in preparing Urease Test Broth in the laboratory.		
212269	10 x 10 ml	VCA Inhibitor
Lyophilised preparation containing inhibitory agents to be used in selective media for culturing <i>N. gonorrhoeae</i> and <i>N. meningitidis</i> .		
212404	10 x 10 ml	VCAT Inhibitor
Lyophilised preparation containing inhibitory agents to be used in selective media for culturing <i>N. gonorrhoeae</i> and <i>N. meningitidis</i> .		
212227	10 x 2 ml	VCN Inhibitor
212228	10 x 10 ml	Lyophilised preparation containing inhibitory agents to be used in selective media for culturing <i>N. gonorrhoeae</i> and <i>N. meningitidis</i> .
212408	10 x 10 ml	VCNT Inhibitor
Lyophilised preparation containing inhibitory agents to be used in selective media for culturing <i>N. gonorrhoeae</i> and <i>N. meningitidis</i> .		
212354	10 x 10 ml	Vitamin K <sub>1</sub> - Haemin Solution
Used as a culture medium enrichment for anaerobic microorganisms.		
297345	100 x 5 ml	Water
The water in these tubes is purified (deionised) water that is ready and convenient for use as a diluent or suspending medium.		
231961	6 x 10 ml	Yersinia Antimicrobial Supplement CN
Yersinia Antimicrobial Supplement CN is used in the preparation of Yersinia Selective Agar (CIN Agar) for the selective isolation and cultivation of <i>Yersinia enterocolitica</i> from clinical and nonclinical sources.		

# Sterility Testing Media

Convenience, High Performance, Economy



## Production With a Focussed Plant Approach

Every aspect of the production process – from raw materials to media manufacture, from Research & Development to Quality Assurance / Quality Control (QA/QC), from start to finish – is under BD supervision and control.

The manufacturing process is fully validated. Our manufacturing facilities are registered with FDA and in compliance with the standards & guidelines DIN/EN/ISO 9001:2000, 13485:2003, cGMP-21CFR820.

Our products comply with the IVD Directive 98/79/EC and Pharmacopeia EP/USP as applicable.



# Bottled FTM for Sterility Testing

## Fluid Thioglycollate Medium (FTM)

*BD Fluid Thioglycollate Medium is used for the sterility testing of biologics and for the enrichment and cultivation of anaerobes, aerobes, and microaerophiles. The headspace of all Fluid Thioglycollate Media is gassed with a stream of nitrogen to maintain anaerobiosis.*

Product Code	Bottle Volume	Fill Volume	Bottle Type	Cap Type	Opening Diameter	Certification	Pack Size
257144	30 ml	20 ml	Vial	Screw-cap	17 mm	IVD (CE) EP / USP	50
299108	100 ml	100 ml	Serum Bottle	Flip tear-off seal stopper		EP / USP	10
257176	100 ml	100 ml	Serum Bottle	Flip tear-off seal stopper		EP / USP	25
299417	125 ml	100 ml	Sirup Bottle	Screw-cap w/stopper	20 mm	EP / USP	10
257155	125 ml	100 ml	Sirup Bottle	Screw-cap	20 mm	EP / USP	25
257143	150 ml	100 ml	Sirup Bottle	Screw-cap with septum	20 mm	EP / USP	25
257407	250 ml	200 ml	Infusion Bottle	Flip tear-off seal stopper		EP / USP	10
257408	500 ml	300 ml	Infusion Bottle	Flip tear-off seal stopper		EP / USP	10
299112	660 ml	500 ml	Sirup Bottle	Screw-cap w/stopper	20 mm	EP / USP	10
257409	1000 ml	500 ml	Infusion Bottle	Flip tear-off seal stopper		EP / USP	4
257406	1000 ml	600 ml	Infusion Bottle	Flip tear-off seal stopper		EP / USP	4
257438	1000 ml	870 ml	Infusion Bottle	Flip tear-off seal stopper		EP / USP	4
257317	150 ml	100 ml	Wide Mouth	Twist-off	40 mm	EP / USP	25
257422	150 ml	100 ml	Wide Mouth	Twist-off	40 mm	EP / USP	25

This is catalogue number 257317 with an additional plastic bag around the bottles in the cardboard box.

## Fluid Thioglycollate Medium (FTM), ETO

*BD Fluid Thioglycollate Medium ETO: After autoclaving the medium (bottles) in the container, the whole package unit is sealed in two Stericlin® bags and sterilised by ethylene oxide (ETO) treatment, providing a sterile outer surface of the containers and package. The multiple bags in these products allow the introduction of the bottles into clean rooms from a non-sterile to a sterile area. Used for the sterility testing of biologics and for the enrichment and cultivation of anaerobes, aerobes, and microaerophiles.*

Product Code	Bottle Volume	Fill Volume	Bottle Type	Cap Type	Opening Diameter	Certification	Pack Size
257426	30 ml	18 ml	Infusion Bottle	Crimp cap stopper		EP / USP	60
257212	100 ml	100 ml	Sirup Bottle	Screw-cap, septum & hole	20 mm	EP / USP	48
257370	125 ml	100 ml	Infusion Bottle	Flip tear-off seal stopper		EP / USP	44



## Fluid Thioglycollate Medium (FTM), Special

*BD Fluid Thioglycollate Medium, Special: FTM often appears slightly opaque due to the agar in the medium. BD FTM, BD FTM special and BBL™ FTM Sterile Pack contain a special quality of agar, resulting in a higher clarity of the prepared medium. Used for the sterility testing of biologics and for the enrichment and cultivation of anaerobes, aerobes, and microaerophiles*

Product Code	Bottle Volume	Fill Volume	Bottle Type	Cap Type	Opening Diameter	Certification	Pack Size
257246	125 ml	100 ml	Infusion Bottle	Flip tear-off seal stopper		EP / USP	25
257249	125 ml	100 ml	Sirup Bottle	Screw-cap	20 mm	EP / USP	25
257275	150 ml	100 ml	Sirup Bottle	Screw-cap	20 mm	EP / USP	25
257097	125 ml	100 ml	Infusion Bottle	Flip tear-off seal stopper		EP / USP	44



## FTM Special, Double Wrapped

*Each bottle of BD Fluid Thioglycollate Medium, Special, double wrapped is packaged in two Stericlin® bags before autoclaving, providing a sterile outer surface of the containers. Used for the sterility testing of biologics and for the enrichment and cultivation of anaerobes, aerobes, and microaerophiles.*

Product Code	Bottle Volume	Fill Volume	Bottle Type	Cap Type	Opening Diameter	Certification	Pack Size
257217	125 ml	100 ml	Infusion Bottle	Flip tear-off seal stopper		EP / USP	10
257264	125 ml	100 ml	Infusion Bottle	Crimp cap stopper		EP / USP	10
257219	500 ml	340 ml	Lab Bottle with scale	Plastic screw cap	30 mm	EP / USP	10
257290	1000 ml	800 ml	Infusion Bottle	Flip tear-off seal stopper		EP / USP	4



## Fluid Thioglycollate Medium, Double Strength

*Fluid Thioglycollate Medium (FTM), double strength is used for the sterility testing of biologics and for the enrichment and cultivation of anaerobes, aerobes and microaerophiles. Double strength is used for the testing of larger volumes of liquid materials..*

Product Code	Bottle Volume	Fill Volume	Bottle Type	Cap Type	Opening Diameter	Certification	Pack Size
257150	250 ml	100 ml	Infusion Bottle	Crimp cap stopper			10



## FTM with 1% Tween®, Sterile Pack

*Tween® is used for testing oils or materials containing lecithin.*

Product Code	Bottle Volume	Fill Volume	Bottle Type	Cap Type	Opening Diameter	Certification	Pack Size
257365	125 ml	100 ml	Infusion Bottle	Flip tear-off			10

## FTM with 0.5% Tween®

Product Code	Bottle Volume	Fill Volume	Bottle Type	Cap Type	Opening Diameter	Certification	Pack Size
257206	150 ml	100 ml	Sirup Bottle	Screw-cap, septum & hole	20 mm		25

# Bottled TSB for Sterility Testing

## Tryptic and Trypticase Soy Broth (TSB)

Also known as Soybean Casein-digest Medium, this is a general purpose medium used in qualitative procedures for the detection, isolation, and cultivation of fastidious and non fastidious microorganisms and used in sterility testing.



Product Code	Bottle Volume	Fill Volume	Bottle Type	Cap Type	Opening Diameter	Certification	Pack Size
257109	30 ml	9 ml	Vial	Screw-cap	17 mm	IVD (CE) EP / USP	50
257423	100 ml	13 ml	Infusion Bottle	Flip tear-off seal stopper		EP / USP	25
257107	30 ml	20 ml	Vial	Screw-cap	17 mm	IVD (CE) EP / USP	50
257158	90 ml	50 ml	Sirup Bottle	Screw-cap, septum & hole	20 mm	EP / USP	25
257242	250 ml	90 ml	Infusion Bottle	Flip tear-off seal stopper		EP / USP	10
299107 (BBL)	100 ml	100 ml	Serum Bottle	Flip tear-off seal stopper		EP / USP	10
292546 (Difco)	100 ml	100 ml	Serum Bottle	Flip tear-off		EP / USP	10
299416	125 ml	100 ml	Sirup Bottle	Screw-cap with stopper	20 mm	EP / USP	10
257228	125 ml	100 ml	Sirup Bottle	Screw-cap	20 mm	EP / USP	25
257247	125 ml	100 ml	Infusion Bottle	Flip tear-off seal stopper		EP / USP	25
257159	150 ml	100 ml	Sirup Bottle	Screw-cap, septum & hole	20 mm	EP / USP	25
257276	150 ml	100 ml	Sirup Bottle	Screw-cap	20 mm	EP / USP	25
257248	212 ml	100 ml	Wide Mouth	Twist-off	58 mm	EP / USP	10
254967	380 ml	100 ml	Wide Mouth	Twist-off	58 mm	EP / USP	10
257411	250 ml	200 ml	Infusion Bottle	Flip tear-off seal stopper		EP / USP	10
257412	500 ml	300 ml	Infusion Bottle	Flip tear-off seal stopper		EP / USP	10
257160	500 ml	500 ml	Infusion Bottle	Crimp cap stopper		EP / USP	10
299113	660 ml	500 ml	Sirup Bottle	Screw-cap with stopper		EP / USP	10
257413	1000 ml	500 ml	Infusion Bottle	Flip tear-off seal stopper		EP / USP	4
257414	1000 ml	600 ml	Infusion Bottle	Flip tear-off seal stopper		EP / USP	4
257436	1000 ml	870 ml	Infusion Bottle	Flip tear-off		EP / USP	4
257316	150 ml	100 ml	Wide Mouth	Twist-off	40 mm	EP / USP	25
257424	150 ml	100 ml	Wide Mouth	Twist-off	40 mm	EP / USP	25

This is catalogue number 257316 with an additional plastic bag around the bottles in the cardboard box.



## Tryptic Soy Broth, ETO

After autoclaving the medium (bottles) in the container, the whole package unit is sealed in a Stericlin® bag and sterilised by ethylene oxide (ETO) treatment, providing a sterile outer surface of the containers and package. The multiple bags in these products allow the introduction of the bottles into clean rooms from a non-sterile to a sterile area. A general purpose medium used in qualitative procedures for the detection, isolation, and cultivation of fastidious and nonfastidious microorganisms and used in sterility testing.

Product Code	Bottle Volume	Fill Volume	Bottle Type	Cap Type	Opening Diameter	Certification	Pack Size
257425	30 ml	12 ml	Infusion Bottle	Crimp cap stopper		EP / USP	60
257211	100 ml	50 ml	Sirup Bottle	Screw-cap, septum & hole	20 mm	EP / USP	48
257307	125 ml	100 ml	Infusion Bottle	Flip tear-off seal stopper		EP / USP	44
257371	125 ml	100 ml	Infusion Bottle	Aluminium cap stopper, pulling		EP / USP	44



## Tryptic Soy Broth, Double Wrap

Each bottle of BD Tryptic Soy Broth, double wrapped is packaged in two Stericlin® bags before autoclaving, providing a sterile outer surface of the bottles. A general purpose medium used in qualitative procedures for the detection, isolation, and cultivation of fastidious and nonfastidious microorganisms and used in sterility testing.

Product Code	Bottle Volume	Fill Volume	Bottle Type	Cap Type	Opening Diameter	Certification	Pack Size
257265	125 ml	100 ml	Infusion Bottle	Flip tear-off seal stopper		EP / USP	10
257213	125 ml	100 ml	Infusion Bottle	Flip tear-off seal stopper pulling		EP / USP	10
257215	380 ml	250 ml	Wide Mouth	Twist-off	58 mm	EP / USP	10
257197	1000 ml	800 ml	Sirup Bottle	Screw-cap	20 mm	EP / USP	4
257291	1000 ml	800 ml	Infusion Bottle	Flip tear-off		EP / USP	4



## Bottled TSB for Sterility Testing, cont.

### Tryptic Soy Broth, Double Strength

Also known as Soybean Casein Digest Broth. Used for the sterility testing of biologics and for the enrichment and cultivation of anaerobes, aerobes, and microaerophiles. A general purpose medium used in qualitative procedures for the detection, isolation, and cultivation of fastidious and nonfastidious microorganisms and used in sterility testing. TSB double strength is used for the testing of larger volumes of liquid materials.

Product Code	Bottle Volume	Fill Volume	Bottle Type	Cap Type	Opening Diameter	Certification	Pack Size
257161	100 ml	50 ml	Infusion Bottle	Crimp cap stopper			25
254960	150 ml	50 ml	Wide Mouth	Twist-off	40 mm		25

### TSB with 0.5 % Tween®, Sterile Pack

For sterility testing of specimens containing oils or lecithin.

Product Code	Bottle Volume	Fill Volume	Bottle Type	Cap Type	Opening Diameter	Certification	Pack Size
257366	125 ml	100 ml	Sirup Bottle	Screw-cap with stopper	20 mm		10

### TSB with 1 % Tween®

For sterility testing of specimens containing oils or lecithin.

Product Code	Bottle Volume	Fill Volume	Bottle Type	Cap Type	Opening Diameter	Certification	Pack Size
257205	150 ml	100 ml	Sirup Bottle	Screw cap, septum & hole	20 mm		25

## Bagged TSB for Sterility Testing

### Tryptic Soy Broth (TSB) - Bagged

Also known as Soybean Casein-digest Medium, this is a general purpose medium used in qualitative procedures for the detection, isolation, and cultivation of fastidious and non fastidious microorganisms and used in sterility testing.

Product Code	Bag Volume	Fill Volume	Bag Type	Fitting Type	Opening Diameter	Certification	Pack Size
257185	3 litres	3000 ml	Hemostat Bag	Luer Lock	N/A	EP / USP	3
257203	5 litres	5000 ml	Hemostat Bag	Luer Lock	N/A	EP / USP	2
257202	10 litres	10,000 ml	Hemostat Bag	Luer Lock	N/A	EP / USP	1



# Rinsing Fluids

## Fluid A (Peptone Water)

For diluting and rinsing for sterility testing of pharmaceutical products according to the membrane filtration method.

Product Code	Bottle Volume	Fill Volume	Bottle Type	Cap Type	Opening Diameter	Certification	Pack Size
290821	100 ml	100 ml	Serum Bottle	Flip tear-off seal stopper		USP	10
257332	125 ml	100 ml	Infusion Bottle	Flip tear-off seal stopper		USP	25
254965	150 ml	100 ml	Wide Mouth	Twist-off	40 mm	USP	25
254979	500 ml	300 ml	Infusion Bottle	Flip tear-off seal stopper		USP	10
290652	660 ml	300 ml	Sirup Bottle	Screw cap with stopper	20 mm	USP	10
254961	500 ml	400 ml	Lab Bottle with scale	Plastic screw-cap	30 mm	USP	4
257324	500 ml	400 ml	Infusion Bottle	Flip tear-off seal stopper		USP	10
257096	1000 ml	650 ml	Infusion Bottle	Flip tear-off Seal stopper pulling		USP	4



## Fluid D (Peptone Water with Polysorbate 80)

For diluting and rinsing of samples containing oil or lecithin during sterility testing of pharmaceutical products according to the membrane filtration method.

Product Code	Bottle Volume	Fill Volume	Bottle Type	Cap Type	Opening Diameter	Certification	Pack Size
290831	100 ml	100 ml	Serum Bottle	Flip tear-off seal stopper		USP	10
257241	500 ml	300 ml	Infusion Bottle	Flip tear-off seal stopper		USP	10
257299	500 ml	300 ml	Sirup Bottle	Screw-cap	20 mm	USP	10
290662	660 ml	300 ml	Sirup Bottle	Screw cap with stopper	20 mm	USP	10
257437	1000 ml	870 ml	Infusion Bottle	Flip tear-off seal stopper		USP	4



## Fluid D, Double Wrap

Each bottle of Fluid D, double wrapped is packaged in two sterilin bags before autoclaving, providing a sterile outer surface of the bottles. Contains 0.1% Tween.

Product Code	Bottle Volume	Fill Volume	Bottle Type	Cap Type	Opening Diameter	Certification	Pack Size
257223	1000 ml	650 ml	Infusion Bottle	Flip tear-off seal stopper pulling		USP	4



## Other Bottled Media



PRODUCT CODE	SIZE	DESCRIPTION
254655	10 x 250 ml	<b>Antibiotic Medium 19</b> Used in the cylinder plate method assay for the detection of the activity of antimycotics (amphotericin B, natamycin and nystatin). 300 ml sirup bottle with screw cap and 250 ml fill volume. EP / USP compliant.
257238	4 x 700 ml	<b>Buffered Peptone Water</b> Used for pre-enriching damaged Salmonella species from food specimens to increase recovery. 1000 ml sirup bottle with screw cap and 700 ml fill volume. EP / USP compliant.
256670	10 x 90 ml	<b>Buffered Peptone Water with 0.1% Tween</b> Used for Salmonella enrichment from materials with high lipid content or from materials containing preservatives. 250 ml infusion bottle with flip tear-off cap with seal and stopper. 90 ml fill volume. EP / USP compliant.
257086	25 x 100 ml	<b>Buffered Sodium Chloride - Peptone Solution pH 7.0</b> Used for dissolving, suspending and diluting test samples according to the European Pharmacopoeia. 100 ml infusion bottle with flip tear-off seal, stopper and pull-ring. 100 ml fill volume. EP / USP compliant.
257087	10 x 500 ml	<b>Buffered Sodium Chloride - Peptone Solution pH 7.0</b> Used for dissolving, suspending and diluting test samples according to the European Pharmacopoeia. 500 ml infusion bottle with flip tear-off seal, stopper and pull-ring. 500 ml fill volume. EP / USP compliant.
257114	25 x 100 ml	<b>D/E Neutralizing Broth</b> Used for determining the bactericidal activity of antiseptics and disinfectants based on neutralising the chemical and detecting organisms remaining after treatment. 125 ml sirup bottle with screw cap and 100 ml fill volume.
257200	1 x 100 ml	<b>Egg Yolk Enrichment, gamma irradiated</b> Used as a supplement in the preparation of various culture media for the detection of lecithinase and / or lipase. 100 ml plastic bottle with plastic screw cap and 100 ml fill volume.
257201	1 x 100 ml	<b>Egg Yolk Tellurite Enrichment, gamma irradiated</b> Used as a supplement in the preparation of culture media for the detection of tellurite reduction and lecithinase and / or lipase reaction. 100 ml plastic bottle with plastic screw cap and 100 ml fill volume.
254959	25 x 100 ml	<b>Enterobacteriaceae Enrichment Broth</b> Used for selectively enriching and detecting enterobacteriaceae, particularly from foods. 125 ml sirup bottle with screw cap and 100 ml fill volume. EP / USP compliant.
257135	10 x 100 ml	<b>Enterobacteriaceae Enrichment Broth with Durham Tube</b> 212 ml wide mouth bottle (opening diameter 58 mm) with twist-off cap and 100 ml fill volume. Durham tube inside is 75 x 12 mm. EP / USP compliant.
257199	1 x 40 ml	<b>Iodine Solution</b> For Tetrathionate Broth. 50 ml Lab Bottle with scale and plastic screw cap. 40 ml fill volume.
257098	10 x 500 ml	<b>Isopropylmyristat</b> 500 ml infusion bottle with flip tear-off seal, stopper and pull-ring. 500 ml fill volume.

256668	10 x 90 ml	Lactose Broth	Used for cultivating <i>Salmonella</i> and coliform organisms in water, foods, dairy and pharmaceutical products. 212 ml wide mouth bottle (58 mm opening diameter) with twist-off cap and 90 ml fill volume.
257100	10 x 90 ml	Lactose Broth	Used for cultivating <i>Salmonella</i> and coliform organisms in water, foods, dairy and pharmaceutical products. 250 ml infusion bottle with flip tear-off seal and stopper. 90 ml fill volume.
254966	10 x 100 ml	Lactose Broth	Used for cultivating <i>Salmonella</i> and coliform organisms in water, foods, dairy and pharmaceutical products. 380 ml wide mouth bottle (58 mm opening diameter) with twist-off cap and 100 ml fill volume.
254962	10 x 100 ml	Lactose Broth, Double Strength	Used for enriching <i>Salmonella</i> and coliform organisms from liquid samples. 380 ml wide mouth bottle (58 mm opening diameter) with twist-off cap and 100 ml fill volume.
257269	10 x 450 ml	LB Broth, Miller	Used for maintaining and propagating <i>Escherichia coli</i> in molecular microbiology procedures. 500 ml sirup bottle with screw cap and 450 ml fill volume.
257243	4 x 500 ml	LB Broth, Miller	Used for maintaining and propagating <i>Escherichia coli</i> in molecular microbiology procedures. 1000 ml sirup bottle with screw cap and 850 ml fill volume.
257196	25 x 50 ml	Levinthal Stock Broth	
254957	10 x 90 ml	MacConkey Broth with Durham Tube	Used for cultivating gram-negative lactose-fermenting bacilli in water, foods and pharmaceutical raw materials as a presumptive test for coliform organisms. 125 ml sirup bottle with screw cap and 100 ml fill volume. Durham tube is 75 x 12 mm.
254964	10 x 90 ml	Modified Lethen Broth	Used for microbiological testing of cosmetics. 380 ml wide mouth bottle (opening diameter is 58 mm) with twist-off cap and 90 ml fill volume.
254963	10 x 100 ml	Modified Lethen Broth	For microbiological testing of cosmetics. 380 ml wide mouth bottle (58 mm opening diameter) with twist-off cap and 100 ml fill volume.
257234	10 x 450 ml	Modified Semisolid Rappaport-Vassiliadis Medium (MSRV)	For the detection of motile <i>Salmonellae</i> from food and environmental samples. 500 ml sirup bottle with screw cap and 450 ml fill.
257092	4 x 900 ml	Mueller Hinton Broth	A general purpose medium used in the cultivation of a variety of fastidious and nonfastidious microorganisms. 1000 ml sirup bottle with screw cap and 900 ml fill volume.
257088	25 x 100 ml	Peptone Water 0.1 %	Used for a variety of diluting and rinsing procedures. 100 ml infusion bottle with flip tear-off seal, stopper and pull-ring. 100 ml fill volume.
257139	10 x 500 ml	Peptone Water 0.1%	Used for a variety of diluting and rinsing procedures. 500 ml sirup bottle with screw cap and 500 ml fill volume.
257078	10 x 500 ml	Peptone Water 0.1 %	Used for a variety of diluting and rinsing procedures. 500 ml infusion bottle with flip tear-off seal, stopper and pull-ring. 500 ml fill volume.



## Other Bottled Media, cont...



PRODUCT CODE	SIZE	DESCRIPTION
257078	10 x 500 ml	<b>Peptone Water, Single Wrap</b> Used for pre-enriching damaged Salmonella species from food specimens to increase recovery. 660 ml sirup bottle with integrated stopper / phenolic cap. 400 ml fill volume.
257385	25 x 100 ml	<b>Phosphate Buffer pH 7.2</b> Stock buffer solution. EP / USP compliant.
299906	10 x 500 ml	<b>Potato Dextrose Agar</b> Used for the cultivation of yeasts and moulds. 660 ml sirup bottle with screw cap and 500 ml fill volume.
257336	25 x 100 ml	<b>R2A Agar</b> For enumeration of organisms in tested potable water. 150 ml sirup bottle with screw cap and 100 ml fill volume.
257153	25 x 100 ml	<b>Sabouraud Glucose Agar (SGA)</b> Used for the isolation and cultivation of fungi (yeasts, moulds and dermatophytes) from clinical and non-clinical materials. 150 ml sirup bottle with screw cap with septum and hole. 100 ml fill volume.
257104	12 x 250 ml	<b>Sabouraud Glucose Agar (SGA)</b> Used for the isolation and cultivation of fungi (yeasts, moulds and dermatophytes) from clinical and non-clinical materials. 300 ml sirup bottle with screw cap and 250 ml fill volume.
257261	4 x 400 ml	<b>Sabouraud Glucose Agar (SGA)</b> Used for the isolation and cultivation of fungi (yeasts, moulds and dermatophytes) from clinical and non-clinical materials. 500 ml lab bottle with scale and plastic screw cap. 400 ml fill volume.
257266	10 x 400 ml	<b>Sterile Water, Double Wrap (not for injection!)</b> 500 ml infusion bottle with crimp cap stopper and 400 ml fill volume.
256665	10 x 100 ml	<b>Tryptic Soy Agar</b> General purpose medium which supports the growth of nonfastidious and moderately fastidious microorganisms. 250 ml sirup bottle with plastic screw cap and 100 ml fill volume. EP / USP compliant.
257105	12 x 250 ml	<b>Tryptic Soy Agar</b> As above. 300 ml sirup bottle with screw cap and 250 ml fill volume.
257240	4 x 400 ml	<b>Tryptic Soy Agar</b> As above. 500 ml lab bottle with scale and plastic screw cap. 400 ml fill.
257106	10 x 500 ml	<b>Tryptic Soy Agar</b> As above. 500 ml sirup bottle with screw cap and 500 ml fill volume.
299099	10 x 500 ml	<b>Trypticase Soy Agar</b> General purpose medium which supports the growth of nonfastidious and moderately fastidious microorganisms. 660 ml sirup bottle with screw cap with integrated stopper / phenolic cap. 500 ml fill. EP / USP compliant.



# BD Prepared Media for Environmental Monitoring

## Media Guide

**Trypticase™ Soy Agar.** Also known as Tryptic Soy Agar, TSA and Soybean-Casein Digest Broth. This is a general-purpose medium for cultivation of aerobes.

**Sabouraud Dextrose Agar.** This is the same as Sabouraud Glucose Agar. General-purpose medium for cultivation of yeasts and fungi.

**D/E Neutralising Agar.** Contains sodium bisulfite, sodium thioglycollate, sodium thiosulfate, lecithin and polysorbate 80.

**Sanitiser Neutralising Agar.** This has a TSA base, with 4 added neutralisers to inactivate a variety of disinfectant and antiseptic chemicals: Lecithin, polysorbate 80, histidine and pyruvate. For an explanation of these neutralisers please see below.

Neutralisers:

**Lecithin.** Neutralises quarternary ammonium compounds.

**Polysorbate 80.** Neutralises phenols, hexachlorophene, formalin and, with lecithin, ethanol.

**Histidine.** Inactivates aldehydes, especially formaldehyde.

**Pyruvate.** Inactivates active oxygen and peroxides.

**Sodium Thioglycollate.** Neutralises mercurials.

**Sodium Thiosulphate.** Inactivates iodine and chlorine.

**Sodium bisulfite.** Neutralises aldehydes.

Antimicrobics:

**Chloramphenicol.** Broad-spectrum bacteriostatic antimicrobial, active against gram positive and Gram-negative organisms. For use in plates for growing yeasts and fungi.

Antibiotic removal:

**Penicillinase.** This is an enzyme which inactivates penicillin and cephalosporins. For use in environmental monitoring procedures where these compounds may be present.

## Plate Format Guide

**Contact plates.** 55 mm plates for surface sampling.

**RODAC™ plates.** (Replicating Organism Detection and Counting). Like contact plates, these 65 mm plates are used for surface sampling. The base on these plates is wider to enable easier handling and the convex dish base results in better contact between the agar and the surface area tested. The grid is on the inside of the dish so it will not get in the way of your marker.

**RODAC™ SL.** Like the RODAC™ plates, but with a secure lid that will not fall off when turned up-side-down.

**90 mm plates.** These are standard size petri-dishes, identical to the 100 mm US dishes. (The US measurement is taken from the lid; the European measurement is from the base of the plate.) Suitable for use as finger-dab plates or for passive air sampling.

**90 mm deep-fill plates.** 25 ml fill volume. For active air sampling or for passive air sampling in areas of high air flow.

**150 mm plates.** Large size petri-dishes, identical to the 160 mm US dishes. (The US measurement is taken from the lid; the European measurement is from the base of the plate.) Suitable for finger-dabs, active and passive air sampling.

## Sterile Pack Plated Media

Wrapping: 2 Tyvek® layers.  
Gamma-irradiated: Yes  
VHP resistance: No  
Storage: 2 - 8 C



Product Code	Pack Size	Plate Type	Description
299975	10	RODAC™	Trypticase™ Soy Agar
257396	100	RODAC™	Trypticase™ Soy Agar
257055	10	Contact	Trypticase™ Soy Agar
254954	10	90 mm	Trypticase™ Soy Agar
254956	100	90 mm	Trypticase™ Soy Agar
257284	30	150 mm	Trypticase™ Soy Agar
257285	5	150 mm	Trypticase™ Soy Agar
221237	5	150 mm	Trypticase™ Soy Agar
257076	10	90 mm	Trypticase™ Soy Agar, Heavy Fill
257077	100	90 mm	Trypticase™ Soy Agar, Heavy Fill
221238	10	RODAC™	Trypticase™ Soy Agar with Lecithin and Polysorbate 80
222207	100	RODAC™	Trypticase™ Soy Agar with Lecithin and Polysorbate 80
222247	100	RODAC™ SL	Trypticase™ Soy Agar with Lecithin and Polysorbate 80
221961	10	Contact	Trypticase™ Soy Agar with Lecithin and Polysorbate 80
222208	100	Contact	Trypticase™ Soy Agar with Lecithin and Polysorbate 80
292305	5	150 mm	Trypticase™ Soy Agar with Lecithin and Polysorbate 80
221839	10	90 mm	Trypticase™ Soy Agar with Penicillinase
221837	5	150 mm	Trypticase™ Soy Agar with Penicillinase
257401	100	90 mm	Trypticase™ Soy Agar with Penicillinase
221234	10	RODAC™	Trypticase™ Soy Agar with Lecithin and Polysorbate 80 and Penicillinase
257400	100	RODAC™	Trypticase™ Soy Agar with Lecithin and Polysorbate 80 and Penicillinase
222246	10	RODAC™ SL	Trypticase™ Soy Agar with Lecithin and Polysorbate 80 and Penicillinase
221987	10	Contact	Trypticase™ Soy Agar with Lecithin and Polysorbate 80 and Penicillinase
221987	10	Contact	Trypticase™ Soy Agar with Lecithin and Polysorbate 80 and Penicillinase
257050	10	Contact	Sabouraud Glucose Agar
221233	10	RODAC™	Sabouraud Dextrose Agar with Lecithin and Polysorbate 80
222244	10	RODAC™ SL	Sabouraud Dextrose Agar with Lecithin and Polysorbate 80
221989	10	Contact	Sabouraud Dextrose Agar with Lecithin and Polysorbate 80
221235	10	RODAC™	Sabouraud Dextrose Agar
221988	10	Contact	Sabouraud Dextrose Agar
299922	10	90 mm	Sabouraud Dextrose Agar
299977	5	150 mm	Sabouraud Dextrose Agar
292225	10	RODAC™	Rose Bengal + Chloramphenicol Agar
292226	10	90 mm	Rose Bengal + Chloramphenicol Agar

292255	10	90 mm	D/E Neutralising Agar, Heavy Fill
292409	100	90 mm	D/E Neutralising Agar, Heavy Fill
221232	10	RODAC™	D/E Neutralising Agar
222209	100	RODAC™	D/E Neutralising Agar
257399	100	RODAC™	D/E Neutralising Agar
221944	10	Contact	D/E Neutralising Agar
292228	10	90 mm	D/E Neutralising Agar with Penicillinase, 25 ml
292255	10	90 mm	D/E Neutralising Agar with Penicillinase, 25 ml
257397	100	90 mm	D/E Neutralising Agar with Penicillinase
257398	100	RODAC™	D/E Neutralising Agar with Penicillinase
215063	100	RODAC™	D/E Neutralising Agar with Penicillinase
292229	10	RODAC™	CDC Anaerobe Blood Agar
257402	100	90 mm	CDC Anaerobe Bood Agar with Penicillinase
257495	100	90 mm	R2A Agar

## Gamma Irradiated Triple Wrapped Media

Wrapping: 3 Tyvek® layers.  
VHP resistance: No

Gamma-irradiated: Yes  
Storage: 2 - 8 C

Product Code	Pack Size	Plate Type	Description
254955	100	90 mm	Trypticase™ Soy Agar
292270	100	RODAC™	Trypticase™ Soy Agar with Lecithin & Polysorbate 80
254953	100	90 mm	Trypticase™ Soy Agar with L & P 80, Finger Dab
299939	10	90 mm	Sabouraud Dextrose Agar
257527	100	RODAC™	Trypticase™ Soy Agar with Lecithin, Polysorbate 80 & Penase
257528	100	90 mm	Trypticase™ Soy Agar with Lecithin, Polysorbate 80 & Penase



## Isolator Pack Plated Media

Wrapping: Outside 2 layers are Tyvek®, inner layer is Nylon.

Gamma-irradiated: Yes

VHP resistance: Yes (Inner layer only)

Storage: 2 - 8 C

Product Code	Pack Size	Plate Type	Description
293043	100	90 mm	Brewer Anaerobe Agar with Lecithin and Polysorbate 80
293044	100	Contact	Brewer Anaerobe Agar with Lecithin and Polysorbate 80
292645	10	RODAC™	D/E Neutralising Agar
292646	100	RODAC™	D/E Neutralising Agar
292647	10	90 mm	D/E Neutralising Agar
257432	100	Contact	Microbial Content Test Agar
254972	10	Contact	Microbial Content Test Agar, Heavy Fill
292337	100	RODAC™	Sabouraud Dextrose Agar with Lecithin and Polysorbate 80
299937	10	RODAC™	Sabouraud Dextrose Agar with Lecithin and Polysorbate 80
292653	10	90 mm	Sabouraud Dextrose Agar with Lecithin and Polysorbate 80
292654	5	150 mm	Sabouraud Dextrose Agar with Lecithin and Polysorbate 80
292998	100	Contact	Sabouraud Dextrose Agar with Lecithin, Polysorbate 80 and Chloramphenicol
292999	100	90 mm	Sabouraud Dextrose Agar with Lecithin, Polysorbate 80 and Chloramphenicol
257080	10	90 mm	Trypticase™ Soy Agar
257081	100	90 mm	Trypticase™ Soy Agar
292272	5	150 mm	Trypticase™ Soy Agar
292648	10	90 mm	Trypticase™ Soy Agar with Lecithin and Polysorbate 80, Finger Dab
292649	100	90 mm	Trypticase™ Soy Agar with Lecithin and Polysorbate 80, Finger Dab
293000	100	Contact	Trypticase™ Soy Agar with Lecithin and Polysorbate 80
292335	100	RODAC™	Trypticase™ Soy Agar with Lecithin and Polysorbate 80
299896	10	RODAC™	Trypticase™ Soy Agar with Lecithin and Polysorbate 80
257075	10	90 mm	Trypticase™ Soy Agar with Lecithin and Polysorbate 80
292901	100	90 mm	Trypticase™ Soy Agar with Penicillinase
292998	100	Contact	Trypticase™ Soy Agar with Lecithin and Polysorbate 80 and Chloramphenicol
257403	100	90 mm	Trypticase™ Soy Agar with Lecithin and Polysorbate 80 and Penicillinase
254972	10	90 mm	Trypticase™ Soy Agar with Lecithin and Polysorbate 80 and Pyruvate
257421	10	RODAC™ SL	Trypticase™ Soy Agar with Lecithin and Polysorbate 80 and Penicillinase
257453	10	RODAC™	Trypticase™ Soy Agar with 4 Neutralisers (Sanitiser Neutralising Agar)
257454	10	90 mm	Trypticase™ Soy Agar with 4 Neutralisers (Sanitiser Neutralising Agar), Heavy Fill

## Isolator Pack XT Plated Media

Wrapping: 3 PE/PET layers

Gamma-irradiated: Yes

VHP resistance: Yes, all 3 layers

Storage: 2 - 25 C

Additional features: clear packaging for easy inspection prior to opening. Hanging hole for use in isolators.

Advanced production technique ensures plates are dry without the need for a desiccant sachet.

Product Code	Pack Size	Plate Type	Description
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257526	100	RODAC™	D/E Neutralising Agar
257525	100	90 mm	D/E Neutralising Agar
257518	10	90 mm	Sabouraud Dextrose Agar with Lecithin & Polysorbate 80
257519	100	RODAC™ SL	Sabouraud Dextrose Agar with Lecithin & Polysorbate 80
257469	10	RODAC™	Sanitizer Neutralising Agar
257467	100	RODAC™	Sanitizer Neutralising Agar
257466	10	90 mm	Sanitizer Neutralising Agar, heavy fill
257468	100	90 mm	Sanitizer Neutralising Agar, heavy fill
257471	10	90 mm	Trypticase™ Soy Agar
257473	100	90 mm	Trypticase™ Soy Agar
257373	5	150 mm	Trypticase™ Soy Agar
257377	30	150 mm	Trypticase™ Soy Agar
257427	100	RODAC™ SL	Trypticase™ Soy Agar
257475	10	90 mm	Trypticase™ Soy Agar, heavy fill
257474	100	90 mm	Trypticase™ Soy Agar, heavy fill
257472	10	90 mm	Trypticase™ Soy Agar with Lecithin & Polysorbate 80
257470	100	90 mm	Trypticase™ Soy Agar with Lecithin & Polysorbate 80
257477	10	90 mm	Trypticase™ Soy Agar with Lecithin & Polysorbate 80, heavy fill
257478	100	90 mm	Trypticase™ Soy Agar with Lecithin & Polysorbate 80, heavy fill
257380	10	RODAC™	Trypticase™ Soy Agar with Lecithin & Polysorbate 80
257381	100	RODAC™	Trypticase™ Soy Agar with Lecithin & Polysorbate 80
257378	10	RODAC™ SL	Trypticase™ Soy Agar with Lecithin & Polysorbate 80
257382	100	RODAC™ SL	Trypticase™ Soy Agar with Lecithin & Polysorbate 80



## Aseptic Pack Plated Media

Wrapping: 1 cellophane wrapper

Gamma-irradiated: No - aseptically filled only.

VHP resistance: No

Storage: 2 - 8 C

Product Code	Pack Size	Plate Type	Description
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254969	33	Contact	COST Agar
254541	26	Contact	Nutrient Agar, Special
257042	33	Contact	Violet Red Bile Glucose Agar
254051	20	90 mm	Trypticase™ Soy Agar
254086	120	90 mm	Trypticase™ Soy Agar
254038	33	Contact	Trypticase™ Soy Agar with Lecithin and Polysorbate 80
221288	20	RODAC™	Trypticase™ Soy Agar with Lecithin and Polysorbate 80
221287	100	RODAC™	Trypticase™ Soy Agar with Lecithin and Polysorbate 80



## BD Hycheck™ Contact Slides for Hygiene & Sterility Control

PRODUCT CODE	SIZE	DESCRIPTION
290001	10 slides	BD Hycheck™ - for Disinfection Control D/E Neutralising agar on both sides of the slide.
290002	10 slides	BD Hycheck™ - for Disinfection Control Caseinpeptone soypeptone agar and D/E Neutralising agar.
290003	10 slides	BD Hycheck™ - for Detection of Enterobacteriaceae Caseinpeptone soypeptone agar and crystal violet-neutralred-bile glucose agar.
290004	10 slides	BD Hycheck™ - Plate Count Agar with TTC Plate count agar with TTC on both sides.
290005	10 slides	BD Hycheck™ - Total Count Plate Count Agar and Plate Count Agar with TTC primarily for control of cutting oils, fuel oils and process water.
290006	10 slides	BD Hycheck™ - for Yeasts and Moulds Tryptic soy agar and rose bengal chloramphenicol agar.
290007	10 slides	BD Hycheck™ - for Yeasts and Moulds with TTC Tryptic soy agar and Tryptic soy agar with 0.01% TTC and rose bengal chloramphenicol agar.
290009	10 slides	BD Hycheck™ - Sabouraud Dextrose Agar Sabouraud Dextrose Agar for the recovery of fungi (yeasts and moulds) on both sides of the slide.
290011	10 slides	BD Hycheck™ - Tryptic Soy Agar Tryptic Soy Agar on both sides of the slide.



## BD Sterile Pack Swabs & RODAC™ Racks

PRODUCT CODE	SIZE	DESCRIPTION
220518	200	Sterile Pack Swabs <ul style="list-style-type: none"> <li>• Packaged 50 to a box, with 10 single wrapped swabs in each double-wrapped pouch</li> <li>• Polypropylene tube is pre-filled with a 10ml rinse solution</li> <li>• Complies with the new ISO guidelines</li> <li>• Each lot comes with a Certificate of Analysis</li> <li>• ATP-free, Dacron™ swab</li> <li>• One year shelf-life, at room temperature storage</li> </ul>
212976	1	RODAC™ rack - blue
212978	1	RODAC™ rack - green
212977	1	RODAC™ rack - orange
210340	500	Unfilled RODAC™ plates



# Environmental Monitoring

Sterile Pack, Isolator Pack, and Isolator Pack XT Plates



<b>Features / Shelf Life</b>	14 - 16 weeks	16 weeks for US contacts 23 weeks for US and HD 90 & 150 mm	
<b>Packaging</b>	double wrapped	triple wrapped	
<b>Storage Temperature</b>	2 - 8 C	2 - 8 C	
<b>VHP Resistance</b>	No	Yes	
<b>Sterility Assurance Level</b>	SAL 10 <sup>-5</sup>	SAL 10 <sup>-5</sup>	

## Quality at Every Step

### Validated process for filling, labelling, and packaging

The machinery used in the production of BBL Sterile Pack Plated Media is designed to provide consistently high-quality products. The experience of dedicated line operators, laboratory and research technologists ensures consistent quality of each plate. BBL Sterile Pack Plated Media are visually inspected during the production process to assure quality and consistency.

### Irradiation and transport of Prepared Plated Media

The Prepared Plated Media are gamma irradiated to the sterility assurance level of 10<sup>-5</sup>. The sterile plates are transported to the worldwide distribution centers under controlled temperature condition.

# BD Directigen EZ Flu A+B

Swift and Simple Diagnosis of Influenza.



You wished for it...we did it.

Designed for differential diagnosis of Flu A or Flu B

Easily performed and interpreted  
by non-laboratory personnel

2-step test with results in less than 15 minutes

Enables prescription of the most effective  
treatment in a timely manner



One Device - One Reagent - One Result

# Direct Testing Systems & Serology



## **BD Chromatographic Immunoassays**

BD Directigen™ Tests for Meningitis, RSV and Influenza . . . . .	90
BD ColorPAC™ Clostridium difficile Test . . . . .	91

## **Enzymes**

BD Difco™ & BD BBL™ Enzymes . . . . .	91
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## **BD Latex Test Kits**

BD Streptococcus Tests. . . . .	92
BD Staphyloslide™ <i>Staphylococcus aureus</i> Tests . . . . .	92

## **Syphilis Testing**

BD Macro-Vue™ RPR Kits, Controls and Components . . . . .	93
BD Syphilis Reagents . . . . .	95

## **Coagulase Testing**

Serological Buffers and Diluents . . . . .	95
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## **Antisera**

Bordetella, <i>E. coli</i> , Febrile and <i>Haemophilus influenzae</i> Antisera . . . . .	96
Listeria and Neisseria Antisera . . . . .	97
Salmonella H (Flagellar) Antisera . . . . .	97
Salmonella O (Somatic) Antisera. . . . .	99
Shigella and Vibrio cholerae Antisera . . . . .	100

## **Antigens**

Febrile and Quality Control Antigens . . . . .	101
Adjuvants . . . . .	102

# Direct Testing Systems & Serology

## BD Chromatographic Immunoassays



### BD Directigen™ Meningitis Test Kit

PRODUCT CODE	SIZE	DESCRIPTION
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252360	30 tests	BD Directigen™ - Meningitis Combo Test Kit
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A presumptive latex agglutination test for the direct qualitative detection of antigens to *H. influenzae* type b, *S. pneumoniae*, Group B streptococcus, *N. meningitidis* Groups A, B, C, Y or W135, and *Escherichia coli* K1 in cerebrospinal fluid (CSF), serum, urine or blood culture media. In addition, the test kit provides confirmation and serotyping capabilities from suspected colonies of *H. influenzae* type b, *S. pneumoniae*, Group B streptococcus, and *N. meningitidis* Groups A/Y, B or C/W135. 30 patient tests, 60 controls - 90 determinations.



### BD Directigen™ EZ Respiratory Syncytial Virus (RSV) Test Kit

*In vitro* enzyme immunoassay (EIA) membrane test for the rapid and qualitative detection of RSV (Respiratory Syncytial Virus) antigen directly from naso-pharyngeal specimens.

PRODUCT CODE	SIZE	DESCRIPTION
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256030	30 tests	BD Directigen™ EZ - RSV Test Kit
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A rapid chromatographic immunoassay for the detection of Respiratory Syncytial Virus (RSV) antigen in naso-pharyngeal washes, naso-pharyngeal aspirates, naso-pharyngeal swabs and naso-pharyngeal swab/washes from patients suspected of having a viral respiratory infection. This test is intended for *in vitro* diagnostic use to aid in the diagnosis of Respiratory Syncytial Virus (RSV) infections in neonatal and paediatric patients under the age of 20.



### BD ColorPAC™ Clostridium difficile Test Kit

PRODUCT CODE	SIZE	DESCRIPTION
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274030	30 tests	BD ColorPAC™ - Toxin A Test Kit
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BD ColorPAC™ Toxin A Test is a rapid chromatographic assay for the qualitative detection of *Clostridium difficile* toxin A (enterotoxin) in stool specimens from patients suspected of having *C. difficile*-associated disease. The test can also be used for confirmation of suspect colonies of toxigenic *C. difficile* from agar plates or BHI broth. This assay is intended for use as an aid in the diagnosis of *C. difficile*-associated disease.



### BD Directigen™ EZ Influenza Test Kit

PRODUCT CODE	SIZE	DESCRIPTION
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256050	30 tests	BD Directigen™ EZ - Flu A+B Test Kit
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Simpler workflow - two step lateral flow process enhanced by proprietary reagents. Easily performed and interpreted by non-laboratory personnel, with results in less than 15 minutes.



# Enzymes

## BD Difco™ & BD BBL™ Enzymes

PRODUCT CODE	SIZE	DESCRIPTION
211897	10 x 20 ml	Penicillinase  BD BBL™ Penicillinase: 1,000,000 units/ml. Enzyme preparation used to neutralise penicillin and to permit growth of organisms ordinarily inhibited by the antibiotic. 20 ml per Tube.
211898	10 x 20 ml	Penicillinase Concentrate
211899	100 ml	10 x concentrate of Penicillinase.
234510	6 x 20 ml	Penase  BD Difco™ Penase is a beta-lactamase which hydrolyses the beta-lactam ring in penicillins, thereby inactivating the antimicrobial properties of penicillin. Used in media for sterility testing of penicillins and for determining microbial counts of materials containing penicillin.
234610	6 x 20 ml	Penase Concentrate
234620	100 ml	10 x Concentrate. Inactivates 10,000,000 International units/mL of Penicillin G (20,000 L.U./mL/min)
234630	6 x 100 ml	

## BD Latex Test Kits

### BD Streptococcus Test Kit

PRODUCT CODE	SIZE	DESCRIPTION
240950	50 tests	BD Streptocard™ - Enzyme Latex Test Kit  Used for identification of Lancefield streptococcal groups A, B, C, F and G from streptococcus colonies that are β-haemolytic and non-haemolytic. The BD Streptocard™ Enzyme Latex Test latex particles are sensitised with group specific antibodies and will agglutinate in the presence of homologous antigen. In the absence of such antigen, the latex particles will remain in a smooth suspension. The use of a patented enzymatic extraction in the BD Streptocard™ Enzyme Latex Test procedure considerably shortens the time required for antigen extraction and improves the antigen yield. Test Latex A, B, C, D, F and G consist of blue latex particles sensitised with rabbit antibody to appropriate group specific antigen, suspended in buffer containing 0.1% sodium azide (preservative). Contains reagents for 50 tests.



### BD Staphyloslide™ Staphylococcus aureus Test Kit

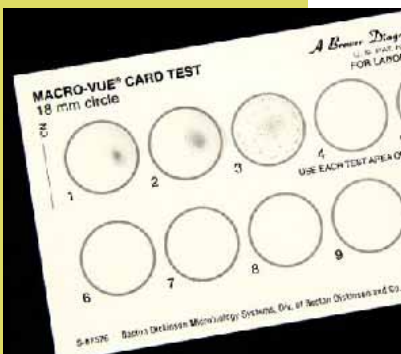
PRODUCT CODE	SIZE	DESCRIPTION
240952	100 tests	BD Staphyloslide™ - Latex Test Kit  The BD Staphyloslide™ Latex Test is a latex slide agglutination test for the differentiation of staphylococci which possess clumping factor and/or Protein A, usually present with <i>Staphylococcus aureus</i> , from staphylococci that do not possess these properties.



# Syphilis Testing

## BD Macro-Vue™ RPR Kits

PRODUCT CODE	SIZE	DESCRIPTION
274449	300 tests	BD Macro-Vue™ RPR - Card Test Kit No. 104  Nontreponemal testing procedure for the serological detection of syphilis. <ul style="list-style-type: none"> <li>• 2 x 3 ml ampules antigen</li> <li>• 20 G dispensing needle</li> <li>• antigen dispensing bottle</li> <li>• stirrers, 30 cards with 10 x 18 mm circle spots each</li> <li>• 300 x 0.05 ml capillaries</li> </ul>
275005	500 tests	BD Macro-Vue™ RPR - Card Test Kit No. 110  Nontreponemal testing procedure for the serological detection of syphilis. <ul style="list-style-type: none"> <li>• 3 x 3 ml ampules antigen</li> <li>• 20 G dispensing needle</li> <li>• antigen dispensing bottle</li> <li>• 50 cards with 10 x 18 mm circle spots each</li> <li>• BD Dispensstirs™ devices, 0.05 ml delivery</li> </ul>
275239	150 tests	BD Macro-Vue™ RPR - Card Test Kit No. 112  Nontreponemal testing procedure for the serological detection of syphilis. <ul style="list-style-type: none"> <li>• 5 x 3 ml ampules antigen</li> <li>• 20 G dispensing needle</li> <li>• antigen dispensing bottle</li> <li>• stirrers, 50 cards (quantitative) with 15 x 18 mm circle spots each</li> <li>• 150 x 0.05 ml capillaries</li> </ul>



## BD Macro-Vue™ RPR Components

PRODUCT CODE	SIZE	DESCRIPTION
270333	3 x 3 ml	BD Macro-Vue™ RPR Card - Antigen Suspension  These Cards are a component of the BD Macro-Vue™ RPR Card Tests (Qualitative and Quantitative) which is for the serological detection of syphilis. RPR Card Antigen Suspension is a reagent component part used in performing the BD Macro-Vue™ RPR (Rapid Plasma Reagin) 18 mm Circle and Teardrop Card Tests which are nontreponemal testing procedures for the serological detection of syphilis and are described in A Manual of Tests for Syphilis.
271849	300 x 10	BD Macro-Vue™ RPR Card - Brewer Diagnostic  For qualitative determination with 10, 15 and resp. 30 spot cards of 18 mm circle.
272001	100 x 30	BD Macro-Vue™ RPR Card - Brewer Diagnostic  For qualitative determination with 10, 15 and resp. 30 spot cards of 18 mm circle.
277979	1 pc.	BD Macro-Vue™ RPR Card - Test Rotator Accessories Package  Package contains: One 7 x 15" rotator extension top, two humidifying covers.
272905	500	Dispensstirs™ Device 0.05 ml volume  For use with 18 mm circle RPR test cards.

## BD Syphilis Reagents

PRODUCT CODE	SIZE	DESCRIPTION
240764	5 ml	VDRL Cardioplin Antigen  With 60 ml VDRL buffered saline. Used in the qualitative and quantitative determination in the following nontreponemal serological tests for syphilis.



## BD Macro-Vue™ RPR Controls

PRODUCT CODE	SIZE	DESCRIPTION
276709	10 cards	BD Macro-Vue™ RPR - Control Cards  Dehydrated control specimens of predetermined reactivity for quality-control testing of antigen before use in performing the BD Macro-Vue™ RPR Card Tests for the serological detection of syphilis. The RPR 18 mm Circle Card Test Control Card consists of three circles designated as: Reactive, Reactive minimal-to-moderate and Non-reactive.
276909	1	BD Macro-Vue™ RPR - Liquid Controls  Designed as an unassayed control material to monitor, at three reaction levels, the precision of BD Macro-Vue™ RPR 18 mm Circle Card Test. Contains pooled human serum with 0.1% sodium azide as a preservative. Contains Positive, Weakly Positive, and Negative controls.



## Coagulase Testing

### BD Coagulase Plasma

PRODUCT CODE	SIZE	DESCRIPTION
240658	10 x 3 ml	Coagulase Plasma
240661	10 x 15 ml	Used to qualitatively determine the pathogenicity of staphylococci using the direct tube method. Coagulase Plasma, Rabbit is lyophilised rabbit plasma with 0.85% sodium citrate and 0.85% sodium chloride, approximately. Reconstitutes to 3 ml, 15 ml or 25 ml for the Direct Tube Method.
240679	10 x 25 ml	
240827	10 x 3 ml	Coagulase Plasma with EDTA
240826	10 x 15 ml	Used to qualitatively determine the pathogenicity of staphylococci using the direct tube method. Coagulase Plasma, Rabbit with EDTA is lyophilised rabbit plasma with 0.15% EDTA (ethylenediaminetetraacetic acid) and 0.85% sodium chloride, approximately. Reconstitutes to 3 ml, 15 ml or 25 ml for the Direct Tube Method.
240680	10 x 25 ml	

## Buffers & Diluents

### Serological Buffers & Diluents

PRODUCT CODE	SIZE	DESCRIPTION
211248	500 g	FTA Haemagglutination Buffer  FTA Haemagglutination Buffer (Phosphate Buffered Saline, pH 7.2) is used in the FTA-ABS test and other serological procedures as a diluent and for washing slide preparations.
223142	100 g	FA Buffer (Dried)
223143	6 x 10 g	A phosphate-buffered saline (PBS) which, upon rehydration, yields a 0.85% NaCl solution buffered to pH 7.2. BD Difco™ FA Buffer, Dried is used in preparing: <ul style="list-style-type: none"> <li>• Reactive Control Serum (4+) - Unabsorbed</li> <li>• Minimally Reactive Control Serum (1+)</li> <li>• Non-reactive Control Serum (N)</li> <li>• Non-specific Staining Control - Unabsorbed</li> </ul>

# Antisera

## Bordetella Antisera, Lyophilised

Lyophilised, polyclonal rabbit antisera containing approximately 0.04% thimerosal as a preservative. When rehydrated and used as described, each vial of Difco™ Bordetella Pertussis and Difco™ Bordetella Parapertussis antisera diluted 1:10 contains sufficient reagent for approximately 200 slide tests.

PRODUCT CODE	SIZE	DESCRIPTION
223101	1 ml	<i>Bordetella parapertussis</i> Antiserum (For Slide Agglutination)
223091	1 ml	<i>Bordetella pertussis</i> Antiserum (For Slide Agglutination)
223781	5 ml	<i>Bordetella parapertussis</i> (For Direct FA Identification)
223591	5 ml	<i>Bordetella pertussis</i> (For Direct FA Identification)

## Escherichia coli Antisera, Lyophilised

Lyophilised, polyclonal rabbit antisera containing approximately 0.04% thimerosal as a preservative, used for identifying *Escherichia coli* O157:H7.

PRODUCT CODE	SIZE	DESCRIPTION
221591	3 ml	<i>E. coli</i> H Antiserum H7
229701	3 ml	<i>E. coli</i> O Antiserum O157

## Febrile Control Sera, Glycerinated

Ready to use preparations of rabbit antiserum with 30% - 50% glycerin as preservative. Used as an aid in the diagnosis of certain febrile diseases.

PRODUCT CODE	SIZE	DESCRIPTION
240934	5 ml	<i>Brucella</i> Positive Control AMS
240934	5 ml	Febrile Negative Control
240939	5 ml	<i>Francisella tularensis</i> Antiserum
240940	5 ml	<i>Proteus</i> Polyvalent Antiserum
240942	5 ml	<i>Salmonella</i> Flagellar Poly Antiserum
240941	5 ml	<i>Salmonella</i> Somatic Poly Antiserum

## Haemophilus influenzae Antisera, Lyophilised

Lyophilised, polyclonal rabbit antisera containing approximately 0.02% thimerosal as a preservative. When properly rehydrated, each vial contains sufficient reagent for 20 slide tests.

PRODUCT CODE	SIZE	DESCRIPTION
222371	1 ml	<i>Haemophilus influenzae</i> Antiserum Poly
222501	1 ml	<i>Haemophilus influenzae</i> Antiserum Type a
222361	1 ml	<i>Haemophilus influenzae</i> Antiserum Type b
227891	1 ml	<i>Haemophilus influenzae</i> Antiserum Type c
227901	1 ml	<i>Haemophilus influenzae</i> Antiserum Type d
227911	1 ml	<i>Haemophilus influenzae</i> Antiserum Type e
227921	1 ml	<i>Haemophilus influenzae</i> Antiserum Type f

## Listeria Antisera, Lyophilised

Lyophilised, polyclonal rabbit antisera containing approximately 0.04% Thimerosal as a preservative. *Listeria O* Antisera Types 1 and 4 are specific for the respective serotypes of *L. monocytogenes* while *Listeria O* Antiserum Poly contains agglutinins for *L. monocytogenes* serotypes 1 and 4. When used according to the recommended procedure, each 1 ml vial contains sufficient reagent for 10 tube tests or 400 slide tests.

PRODUCT CODE	SIZE	DESCRIPTION
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223021	1 ml	<i>Listeria O</i> Antiserum Poly Types 1 & 4
223001	1 ml	<i>Listeria O</i> Antiserum Type 1
223011	1 ml	<i>Listeria O</i> Antiserum Type 4

## Neisseria meningitidis Antisera, Lyophilised

Lyophilised, polyclonal rabbit antisera containing approximately 0.02% thimerosal as a preservative. When properly rehydrated and used as recommended each vial of Difco™ *Neisseria meningitidis* Antiserum is sufficient reagent for 20 slide tests.

PRODUCT CODE	SIZE	DESCRIPTION
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222281	1 ml	<i>Neisseria meningitidis</i> Antiserum Group A
222291	1 ml	<i>Neisseria meningitidis</i> Antiserum Group B
222301	1 ml	<i>Neisseria meningitidis</i> Antiserum Group C
222311	1 ml	<i>Neisseria meningitidis</i> Antiserum Group D
222531	1 ml	<i>Neisseria meningitidis</i> Antiserum Group W135
228801	1 ml	<i>Neisseria meningitidis</i> Antiserum Group X
228811	1 ml	<i>Neisseria meningitidis</i> Antiserum Group Y
222521	1 ml	<i>Neisseria meningitidis</i> Antiserum Group Z'
228911	1 ml	<i>Neisseria meningitidis</i> Antiserum Group Z
229101	1 ml	<i>Neisseria meningitidis</i> Antiserum Poly 2, Groups X, Y, Z
222321	1 ml	<i>Neisseria meningitidis</i> Antiserum Poly, Groups A, B, C, D



## Salmonella H (Flagellar) Antisera, Lyophilised

Difco™ *Salmonella O*, *H* and *Vi* Antisera are lyophilised, polyclonal rabbit antisera containing approximately 0.04% Thimerosal as a preservative. Difco™ *Salmonella H* Poly Antisera are polyvalent antisera specific for certain flagellar antigens. Each vial of Difco™ *Salmonella H* Antisera contains sufficient reagent to perform between 150-1500 tests, depending on the antiserum used. Difco™ *Salmonella H* Antisera are either absorbed or unabsorbed specifically for either phase 1 or phase 2 antigens. Difco™ *Salmonella H* Antisera Spicer-Edwards are pooled, polyvalent antisera and additional adjunctive antisera to identify the more commonly occurring *H* antigens.

PRODUCT CODE	SIZE	DESCRIPTION
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222721	3 ml	<i>Salmonella H</i> Antiserum 1 Complex
228201	3 ml	<i>Salmonella H</i> Antiserum a
228211	3 ml	<i>Salmonella H</i> Antiserum b
228221	3 ml	<i>Salmonella H</i> Antiserum c
228231	3 ml	<i>Salmonella H</i> Antiserum d
222731	3 ml	<i>Salmonella H</i> Antiserum eh
222701	3 ml	<i>Salmonella H</i> Antiserum EN Complex
225441	3 ml	<i>Salmonella H</i> Antiserum f
222691	3 ml	<i>Salmonella H</i> Antiserum G Complex
225451	3 ml	<i>Salmonella H</i> Antiserum h
228241	3 ml	<i>Salmonella H</i> Antiserum i



## Salmonella H (Flagellar) Antisera, cont.

*Difco™ Salmonella O, H and Vi Antisera are lyophilised, polyclonal rabbit antisera containing approximately 0.04% Thimerosal as a preservative. Difco™ Salmonella H Poly Antisera are polyvalent antisera specific for certain flagellar antigens. Each vial of Difco™ Salmonella H Antisera contains sufficient reagent to perform between 150-1500 tests, depending on the antiserum used. Difco™ Salmonella H Antisera are either absorbed or unabsorbed specifically for either phase 1 or phase 2 antigens. Difco™ Salmonella H Antisera Spicer-Edwards are pooled, polyvalent antisera and additional adjunctive antisera to identify the more commonly occurring H antigens.*

PRODUCT CODE	SIZE	DESCRIPTION
222741	3 ml	<i>Salmonella</i> H Antiserum k
222711	3 ml	<i>Salmonella</i> H Antiserum L Complex
225461	3 ml	<i>Salmonella</i> H Antiserum m
225481	3 ml	<i>Salmonella</i> H Antiserum p
225391	3 ml	<i>Salmonella</i> H Antiserum Poly A, Factors a, b, c, d, i, Z <sub>10</sub> , Z <sub>29</sub>
224061	3 ml	<i>Salmonella</i> H Antiserum Poly a-z, EN, G, L, Z <sub>4</sub> & 1 complexes & a-k, r-z, Z <sub>6</sub> , Z <sub>10</sub> , Z <sub>29</sub> agglutinins
225401	3 ml	<i>Salmonella</i> H Antiserum Poly B, Factors eh, en, enx, enz <sub>15</sub> & G complex
225411	3 ml	<i>Salmonella</i> H Antiserum Poly C, Factors k, l, r, y, z, Z <sub>4</sub>
225421	3 ml	<i>Salmonella</i> H Antiserum Poly D, Factors Z <sub>35</sub> , Z <sub>36</sub> , Z <sub>37</sub> , Z <sub>38</sub> , Z <sub>39</sub> , Z <sub>41</sub> , Z <sub>42</sub>
225431	3 ml	<i>Salmonella</i> H Antiserum Poly E, 1 Complex, Z <sub>6</sub>
222751	3 ml	<i>Salmonella</i> H Antiserum r
225501	3 ml	<i>Salmonella</i> H Antiserum s
224741	3 ml	<i>Salmonella</i> H Antiserum Single Factor 2
224751	3 ml	<i>Salmonella</i> H Antiserum Single Factor 5
224761	3 ml	<i>Salmonella</i> H Antiserum Single Factor 6
224771	3 ml	<i>Salmonella</i> H Antiserum Single Factor 7
222651	3 ml	<i>Salmonella</i> H Antiserum Spicer-Edwards 1
222661	3 ml	<i>Salmonella</i> H Antiserum Spicer-Edwards 2
222671	3 ml	<i>Salmonella</i> H Antiserum Spicer-Edwards 3
222681	3 ml	<i>Salmonella</i> H Antiserum Spicer-Edwards 4
225511	3 ml	<i>Salmonella</i> H Antiserum t
225541	3 ml	<i>Salmonella</i> H Antiserum w
225551	3 ml	<i>Salmonella</i> H Antiserum x
222761	3 ml	<i>Salmonella</i> H Antiserum y
222771	3 ml	<i>Salmonella</i> H Antiserum z
222781	3 ml	<i>Salmonella</i> H Antiserum Z <sub>4</sub>
224731	3 ml	<i>Salmonella</i> H Antiserum Z <sub>6</sub>
222791	3 ml	<i>Salmonella</i> H Antiserum Z <sub>10</sub>
225561	3 ml	<i>Salmonella</i> H Antiserum Z <sub>13</sub>
225571	3 ml	<i>Salmonella</i> H Antiserum Z <sub>15</sub>
225581	3 ml	<i>Salmonella</i> H Antiserum Z <sub>23</sub>
225611	3 ml	<i>Salmonella</i> H Antiserum Z <sub>28</sub>
222801	3 ml	<i>Salmonella</i> H Antiserum Z <sub>29</sub>
225621	3 ml	<i>Salmonella</i> H Antiserum Z <sub>32</sub>

## Salmonella O (Somatic) Antisera, Lyophilised

*Difco™ Salmonella O, H and Vi Antisera are lyophilised, polyclonal rabbit antisera containing approximately 0.04% Thimerosal as a preservative. Difco™ Salmonella O Poly Antisera are polyvalent antisera. Each antiserum is specific for certain serogroup antigens. When properly rehydrated and used as recommended, each vial of Difco™ Salmonella O or Vi Antisera contains sufficient reagent for 60 tests.*

PRODUCT CODE	SIZE	DESCRIPTION
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222571	3 ml	<i>Salmonella</i> O Antiserum Factor 10, Group E1
227791	3 ml	<i>Salmonella</i> O Antiserum Factor 12
226611	3 ml	<i>Salmonella</i> O Antiserum Factor 14
222581	3 ml	<i>Salmonella</i> O Antiserum Factor 15, Groups E2 & E3
222591	3 ml	<i>Salmonella</i> O Antiserum Factor 19, Group E4
228141	3 ml	<i>Salmonella</i> O Antiserum Factor 2
226621	3 ml	<i>Salmonella</i> O Antiserum Factor 20
226631	3 ml	<i>Salmonella</i> O Antiserum Factor 22, Group G1
226641	3 ml	<i>Salmonella</i> O Antiserum Factor 23, Group G2
226661	3 ml	<i>Salmonella</i> O Antiserum Factor 25
226671	3 ml	<i>Salmonella</i> O Antiserum Factor 27
211778	3 ml	<i>Salmonella</i> O Antiserum Factor 34, Group E3
226591	3 ml	<i>Salmonella</i> O Antiserum Factor 4, Group B
226601	3 ml	<i>Salmonella</i> O Antiserum Factor 5, Group B
228161	3 ml	<i>Salmonella</i> O Antiserum Factor 7, Groups C1 & C4
228171	3 ml	<i>Salmonella</i> O Antiserum Factor 8, Groups C2 & C3
228181	3 ml	<i>Salmonella</i> O Antiserum Factor 9, Group D
228151	3 ml	<i>Salmonella</i> O Antiserum Factors 4 & 5, Group B
229471	3 ml	<i>Salmonella</i> O Antiserum Group A Factors 1, 2, 12
229731	3 ml	<i>Salmonella</i> O Antiserum Group B Factors 1, 4, 5, 12
229481	3 ml	<i>Salmonella</i> O Antiserum Group B Factors 1, 4, 12, 27
229491	3 ml	<i>Salmonella</i> O Antiserum Group C <sub>1</sub> Factors 6, 7
229501	3 ml	<i>Salmonella</i> O Antiserum Group C <sub>2</sub> Factors 6, 8
230161	3 ml	<i>Salmonella</i> O Antiserum Group C <sub>3</sub> Factors 8, 20
229511	3 ml	<i>Salmonella</i> O Antiserum Group D <sub>1</sub> Factors 1, 9, 12
230171	3 ml	<i>Salmonella</i> O Antiserum Group D <sub>2</sub> Factor (9), 46
228191	3 ml	<i>Salmonella</i> O Antiserum Group E Factors 1, 3, 10, 15, 19, 34
229521	3 ml	<i>Salmonella</i> O Antiserum Group E <sub>1</sub> Factors 3, 10
229541	3 ml	<i>Salmonella</i> O Antiserum Group E <sub>2</sub> Factors 3, 15
230181	3 ml	<i>Salmonella</i> O Antiserum Group E <sub>3</sub> Factors (3), (15), 34
230191	3 ml	<i>Salmonella</i> O Antiserum Group E <sub>4</sub> Factors 1, 3, 19
222601	3 ml	<i>Salmonella</i> O Antiserum Group F Factor 11
230291	3 ml	<i>Salmonella</i> O Antiserum Group G Factors 13, 22, 23, (36), (37)
222611	3 ml	<i>Salmonella</i> O Antiserum Group G1 Factors 13, 22, (36)
230201	3 ml	<i>Salmonella</i> O Antiserum Group G2 Factors 1, 13, 23, (36), (37)
222621	3 ml	<i>Salmonella</i> O Antiserum Group H Factors 1, 6, 14, 24, 25
222631	3 ml	<i>Salmonella</i> O Antiserum Group I Factors 1, 6, 14, 24, 25
211780	3 ml	<i>Salmonella</i> O Antiserum Group J Factor 17





## Salmonella O (Somatic) Antisera, cont.

*Difco™ Salmonella O, H and Vi Antisera are lyophilised, polyclonal rabbit antisera containing approximately 0.04% Thimerosal as a preservative. Difco™ Salmonella O Poly Antisera are polyvalent antisera. Each antiserum is specific for certain serogroup antigens. When properly rehydrated and used as recommended, each vial of Difco™ Salmonella O or Vi Antisera contains sufficient reagent for 60 tests.*

PRODUCT CODE	SIZE	DESCRIPTION
225181	3 ml	<i>Salmonella</i> O Antiserum Group K Factor 18
225191	3 ml	<i>Salmonella</i> O Antiserum Group L Factor 21
211781	3 ml	<i>Salmonella</i> O Antiserum Group M Factor 28
211783	3 ml	<i>Salmonella</i> O Antiserum Group N Factor 30
225221	3 ml	<i>Salmonella</i> O Antiserum Group O Factor 35
225341	3 ml	<i>Salmonella</i> O Antiserum Poly A, Groups A, B, D, E1, E2, E3, E4 & L
222641	3 ml	<i>Salmonella</i> O Antiserum Poly A-I & Vi Factors 1-16, 19, 22-25, 34 Vi
225351	3 ml	<i>Salmonella</i> O Antiserum Poly B, Groups C1, C2, F, G, H
225361	3 ml	<i>Salmonella</i> O Antiserum Poly C, Groups I, J, K, M, N, O
225371	3 ml	<i>Salmonella</i> O Antiserum Poly D, Groups P, Q, R, S, T, U
225381	3 ml	<i>Salmonella</i> O Antiserum Poly E, Groups V, W, X, Y, Z
226451	3 ml	<i>Salmonella</i> O Antiserum Poly F, Groups 51-55
226461	3 ml	<i>Salmonella</i> O Antiserum Poly G, Groups 56-61
228271	3 ml	<i>Salmonella</i> Vi Antiserum

## Shigella Grouping Antisera, Lyophilised

PRODUCT CODE	SIZE	DESCRIPTION
228341	3 ml	<i>Shigella</i> Antiserum Poly Group A
227761	3 ml	<i>Shigella</i> Antiserum Poly Group A1
228351	3 ml	<i>Shigella</i> Antiserum Poly Group B
228361	3 ml	<i>Shigella</i> Antiserum Poly Group C
227771	3 ml	<i>Shigella</i> Antiserum Poly Group C1
227781	3 ml	<i>Shigella</i> Antiserum Poly Group C2
228371	3 ml	<i>Shigella</i> Antiserum Poly Group D

## Vibrio cholerae Antisera, Lyophilised

*Lyophilised polyclonal rabbit Vibrio cholerae O1 antisera containing approximately 0.04% Thimerosal as a preservative. Difco™ Vibrio cholerae Antiserum Ogawa and Difco™ Vibrio cholerae Antiserum Inaba are monospecific absorbed antisera. When reconstituted and used as described, each vial contains sufficient reagent for 20 slide tests.*

PRODUCT CODE	SIZE	DESCRIPTION
224301	3 ml	<i>Vibrio cholerae</i> Antiserum Inaba
224311	3 ml	<i>Vibrio cholerae</i> Antiserum Ogawa
224321	3 ml	<i>Vibrio cholerae</i> Antiserum Poly



# Antigens



## Febrile Antigens

PRODUCT CODE	SIZE	DESCRIPTION
241049	5 ml	<i>Brucella abortus</i> Antigen
241050	5 ml	<i>Francisella tularensis</i> Antigen
240782	5 ml	<i>Proteus</i> OX 19 Antigen
240783	5 ml	<i>Proteus</i> OX 2 Antigen
240784	5 ml	<i>Proteus</i> OX K Antigen
240834	5 ml	<i>Salmonella</i> Flagellar a Antigen
240835	5 ml	<i>Salmonella</i> Flagellar b Antigen
240785	5 ml	<i>Salmonella</i> Flagellar d Antigen (Typhoid H)
240731	5 ml	<i>Salmonella</i> O Group A Antigen (Somatic 1-2-12)
240732	5 ml	<i>Salmonella</i> O Group B Antigen (Somatic 1-4-5-12)
240734	5 ml	<i>Salmonella</i> O Group D Antigen (Somatic 9-12) (Typhoid O)

## Quality Control Antigens

PRODUCT CODE	SIZE	DESCRIPTION
221161	1 ml	Alkalescens-Dispar Group 1 QC Antigen
225851	5 ml	<i>Bordetella pertussis</i> Antigen
223031	5 ml	<i>Listeria</i> O Antigen Type 1 (Slide Test)
223041	5 ml	<i>Listeria</i> O Antigen Type 4 (Slide Test)
221301	1 ml	<i>Salmonella</i> O Group A Antigen
221311	1 ml	<i>Salmonella</i> O Group B Antigen
221321	1 ml	<i>Salmonella</i> O Group C1 Antigen
221331	1 ml	<i>Salmonella</i> O Group C2 Antigen
221341	1 ml	<i>Salmonella</i> O Group D Antigen
211750	1 ml	<i>Salmonella</i> O Group E1 Antigen
211751	1 ml	<i>Salmonella</i> O Group E2 Antigen
221371	1 ml	<i>Salmonella</i> O Group E4 Antigen
211753	1 ml	<i>Salmonella</i> O Group F Antigen
211754	1 ml	<i>Salmonella</i> O Group G1 Antigen
221401	1 ml	<i>Salmonella</i> O Group H Antigen
211757	1 ml	<i>Salmonella</i> O Group I Antigen
221421	1 ml	<i>Salmonella</i> Vi Antigen
221001	1 ml	<i>Shigella</i> Group A Antigen
211737	1 ml	<i>Shigella</i> Group A1 Antigen
211738	1 ml	<i>Shigella</i> Group B Antigen
221031	1 ml	<i>Shigella</i> Group C Antigen
221041	1 ml	<i>Shigella</i> Group C1 Antigen



## Quality Control Antigens, cont.

PRODUCT CODE	SIZE	DESCRIPTION
221051	1 ml	<i>Shigella</i> Group C2 Antigen
221061	1 ml	<i>Shigella</i> Group D Antigen

## Adjuvants

PRODUCT CODE	SIZE	DESCRIPTION
231131	6 x 10 ml	Adjuvant, Complete H37 Ra Suspension of 10 mg <i>M. tuberculosis</i> in a mixture of paraffin oil and an emulsifying agent.
231141	6 x 100 mg	M. Tuberculosis H37 Ra (Desiccated) Killed <i>M. tuberculosis</i> H37 Ra for use in adjuvants.
263810	6 x 10 ml	Adjuvant, Complete (Freund) Suspension of 5 mg <i>M. butyricum</i> in a mixture of paraffin oil and an emulsifying agent.
263910	6 x 10 ml	Adjuvant, Incomplete (Freund)
264010	6 x 100 mg	M. butyricum (Desiccated) Killed <i>M. butyricum</i> for use in adjuvants.
210866	1	PG-PS 10S PG-PS 10S consists of purified peptidoglycan-polysaccharide polymers which are isolated from the sonicated cell wall of <i>Streptococcus pyogenes</i> , Group A, D58 strain. The peptidoglycan is the primary immunogenic moiety. The polysaccharide, when bound to this peptidoglycan moiety, allows for the chronic inflammation seen in animal models by protecting this moiety from degradation. The PG-PS 10S is supplied as a white, opalescent liquid suspension in sterile 0.85% saline. The rhamnose concentration of the product is 3 to 6 mg/ml and the MW range of the product is $5 \times 10^6$ to $5 \times 10^8$ daltons.
210868	1	PG-PS 100P PG-PS 100P consists of purified peptidoglycan-polysaccharide polymers which are isolated from the sonicated cell wall of <i>Streptococcus pyogenes</i> , Group A, D58 strain. The peptidoglycan is the primary immunogenic moiety. The polysaccharide, when bound to this peptidoglycan moiety, allows for the chronic inflammation seen in animal models by protecting this moiety from degradation. The PG-PS 100P is supplied as a white, opalescent liquid suspension in sterile 0.85% saline. The rhamnose concentration of the product is 5 to 8 mg/ml and the MW of the product is approximately $5 \times 10^7$ Daltons.

# Anaerobic Systems



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# Anaerobic Systems



## BD GasPak™ EZ Products

### BD GasPak™ EZ Container Systems

PRODUCT CODE	SIZE	DESCRIPTION
260671	Standard	BD GasPak™ EZ - Incubation Container
260672	Large	BD GasPak™ EZ Container Systems offer waterless, catalyst-free convenience for use in producing anaerobic, microaerophilic or CO <sub>2</sub> -enriched environments. Available in two convenient sizes, BD GasPak™ Incubation Containers are constructed of non-breakable, chemical resistant material designed to maintain a desired environment throughout incubation. 260671: Standard Incubation Container; holds up to 15/18 Petri dishes. 260672: Large Incubation Container; holds up to 30/33 dishes.
260673	Standard	BD GasPak™ EZ - Container Rack
260674	Large	Removable BD GasPak™ EZ Container Racks are available to secure Petri dishes and ease workflow. 260673: The STANDARD Rack is designed to hold up to 18 Petri dishes. 260674: The LARGE Rack is designed to hold up to 33 dishes.

### BD GasPak™ & GasPak™ EZ Gas Generating Sachets

PRODUCT CODE	SIZE	DESCRIPTION
260678	20 sachets	BD GasPak™ EZ - Anaerobe Container System Sachets  BD GasPak™ EZ Container System Sachets are sold in packages of 20 sachets and are available for the generation of anaerobic, microaerophilic or CO <sub>2</sub> enriched environments. The sachets are activated immediately upon opening of the outer foil packaging and do not require the addition of water or catalyst. Contains 20 anaerobe container sachets. For use in GasPak™ EZ, GasPak™ 100 and GasPak™ 150 containers and the GasPak™ EZ Pouch System.
260001	20 sachets	GasPak™ EZ Anaerobe Container System Sachets with Indicator  Anaerobic gas generation sachet. No water or catalyst needed, sachet is activated upon removal from its foil wrapper. An anaerobic indicator is attached to the pouch which is white when reduced and blue when oxidised. For use in GasPak™ EZ, GasPak™ 100 and GasPak™ 150 containers and the GasPak™ EZ Pouch System.
260679	20 sachets	BD GasPak™ EZ - CO <sub>2</sub> Container System Sachets  For the generation of CO <sub>2</sub> enriched environments. No water or catalyst needed. For use in GasPak™ EZ, GasPak™ 100 and GasPak™ 150 containers and the GasPak™ EZ Pouch System.
260680	20 sachets	BD GasPak™ EZ - Campy Container System Sachets  For the generation of microaerophilic environments. No water or catalyst needed. For use in GasPak™ EZ, GasPak™ 100 and GasPak™ 150 containers and the GasPak™ EZ Pouch System.

# BD GasPak™ 100 & 150 Systems

## BD GasPak™ 100 & GasPak™ 150 Anaerobic Jars

PRODUCT CODE	SIZE	DESCRIPTION
260626	Small	BD GasPak™ Complete Systems
260628	Large	Small container: BD GasPak™ 100 System. Consists of polycarbonate jar, lid with "O" ring gasket, improved clamp/thumbscrew assembly and catalyst reaction chamber, two catalyst charges, one rack and one tube holder. Holds up to 12 plates and uses 1 gas generating sachet. Large container: BD GasPak™ 150 System. Consists of polycarbonate jar (non-vented), lid assembly with "O" ring gasket and catalyst reaction chambers (3 each), ten catalyst charges, one rack and one tube holder. Holds up to 36 plates and uses 3 gas generating sachets.

## BD GasPak™ 100 Spare Parts

PRODUCT CODE	SIZE	DESCRIPTION
260411	1	BD GasPak™ 100 - Lid With improved clamp/thumbscrew assembly, "O" ring gasket, and catalyst reaction chamber, with two catalyst charges.
260637	1	BD GasPak™ 100 - Lid without O-Ring Without clamp screw, catalyst reaction chamber or catalyst charges.
260638	1	BD GasPak™ 100 - Vented Lid Without clamp, clamp screw, catalyst reaction chamber, catalyst charges or rubber tube and tubing clamp.
260463	1	BD GasPak™ 100 - Polycarbonate Jar without Lid
260413	1	BD GasPak™ 100 - "O" Ring Gasket
270303	10	Catalyst Replacement Charges
260414	1	BD GasPak™ 100 - Improved Clamp/Thumbscrew Assembly

## BD GasPak™ 150 Spare Parts

PRODUCT CODE	SIZE	DESCRIPTION
260610	1	BD GasPak™ 150 - Lid Assembly Consists of outer lid and thumb screw, inner lid, large "O" ring gasket, three catalyst reaction chambers and six catalyst charges.
270124	1	BD GasPak™ 150 - Inner Lid Without outer lid and thumbscrew, catalyst reaction chambers or catalyst charges.
260607	1	BD GasPak™ 150 - Anaerobic Jar without Lid (Large)



# BD GasPak™ & BD Bio-Bag™ Pouch Systems

## BD GasPak™ EZ Pouch Systems



PRODUCT CODE	SIZE	DESCRIPTION
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260683	20 pouches	BD GasPak™ EZ - Anaerobe Pouch System
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BD GasPak™ EZ Pouch Systems offer the convenience of pouches integrated into a complete kit with everything you need to generate a pouch based anaerobic, microaerophilic or CO<sub>2</sub>-enriched environment. Anaerobic indicators are provided with the BD GasPak™ EZ Anaerobic Pouch System. The BD GasPak™ EZ Pouch Systems feature one-step re-sealable pouches, which have been specially designed to maximise the preservation of the desired environment throughout incubation.

The system is also waterless and catalyst free, it contains:

- 20 sachets
- 20 re-sealable pouches
- 20 Dry Anaerobic Indicators

260684	20 pouches	BD GasPak™ EZ - CO <sub>2</sub> Pouch System
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For the generation of CO<sub>2</sub> enriched environments. Containing 20 sachets and 20 re-sealable pouches.

260685	20 pouches	BD GasPak™ EZ - BD CampyPouch™ System
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For the generation of microaerophilic environments. Contains 20 sachets and 20 re-sealable pouches.

## BD Bio-Bag™ Anaerobic Pouch System

PRODUCT CODE	SIZE	DESCRIPTION
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261510	50	Bio-Bag™ Type C
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A disposable environmental system designed to generate a CO<sub>2</sub>-enriched environment. Contains 50 CO<sub>2</sub> Gas Generators and 50 Bio-Bag™ Type C environmental pouches.

## BD Anaerobic Systems - Accessories

### Anaerobic Indicators

PRODUCT CODE	SIZE	DESCRIPTION
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271051	100 strips	BD GasPak™ - Dry Anaerobic Indicator Strips
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Contains a dry indicator pad that changes from blue to colourless in the absence of oxygen.

271055	50 strips	BD GasPak™ - CO <sub>2</sub> Indicator Strips
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CO<sub>2</sub> Indicator Reagent Droppers: Indicates when an ideal carbon dioxide-enriched environment has been achieved.



## Anaerobic Specimen Collection & Transport

PRODUCT CODE	SIZE	DESCRIPTION
236500	100	BD Vacutainer™ - Anaerobic Specimen Collector  The BBL™ Vacutainer™ Anaerobic Specimen Collector is the only media-free device for anaerobic specimen collection available. The media-free nature of this product helps to minimise sample dilution which may occur in media-based products and eliminates the potential for non-viable organisms that can be seen in some transport media.
221606	10 x 11 ml	Port-A-Cul™ Tube  Port-A-Cul Transport Systems offer a unique non-nutritive pre-reduced transport medium that retards diffusion of oxygen after specimen addition and supports the viability of anaerobic organisms for up to 72 hours.
221609	10 x 11 ml	Port-A-Cul™ Tube and Swabs, Sterile Pack  Each pack includes one 11 ml tube of media and 2 sterile rayon swabs.
221608	10 x 5 ml	Port-A-Cul™ Vial
221609	10 x 5 ml	Port-A-Cul™ Vial, Sterile
221602	10 x 20 ml	Port-A-Cul™ Transport Jars, Sterile Pack  These 20 ml jars offer a sterile, 3"-wide screw cap jar with a 1"-wide mouth to facilitate tissue and other larger sample specimen insertion and removal.
220116	50 swabs	BD CultureSwab™ PLUS - Amies Gel without Charcoal, Single Swab  The BBL CultureSwab™ Plus Collection and Transport System features Amies Agar gel media with oxygen-scavenging agents, for sampling of both aerobic and anaerobic organisms. For throat, vaginal, skin and wound specimens. Contains a sterile polyurethane foam single swab with Amies gel but no charcoal. Single swab with plastic shaft.
220121	50 swabs	BD CultureSwab™ PLUS - Amies Gel with Charcoal, Single Swab  The BBL CultureSwab™ Plus Collection and Transport System features Amies Agar gel media with oxygen-scavenging agents, for sampling of both aerobic and anaerobic organisms. For throat, urogenital and wound specimens. Single swab with plastic shaft.



## Anaerobe Identification

PRODUCT CODE	SIZE	DESCRIPTION
245010	20 tests/kit	BD Crystal™ - Anaerobe ID Kit  Intended for the identification of clinically significant anaerobic bacteria in 4 hours. Separate databases for Schaedler Blood Agar, CDC Anaerobe Blood Agar and Alternate Blood Agars are included for improved specificity. The kit contains: <ul style="list-style-type: none"> <li>• 20 panel lids</li> <li>• 20 panel bases</li> <li>• 20 inoculum tubes</li> <li>• 2 incubation trays</li> <li>• 1 result pad</li> </ul>



# BD EpiCenter™

## Data Management for the Microbiologist

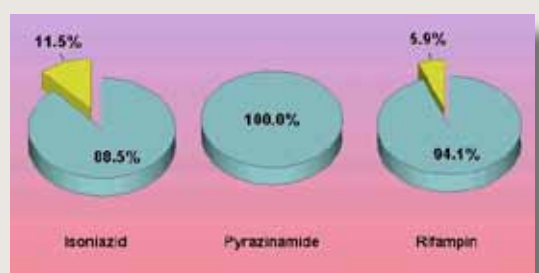


### Turn your data into actionable information

For a microbiologist, or anyone responsible for monitoring epidemiology, collecting data is only half the task. Providing data in its raw form isn't effective in communicating the emergence of trends. Professionals must have access to tools that make data analysis quick, clear and simple. These tools need to generate data in multiple formats that optimise the sharing of this critical information.

When communication and education are your goals, the data you present must

be provided in a format that best suits the audience. The BD EpiCenter software provides the ability to customise the output of your analysis so that the audience can quickly understand your message.



# Identification & Susceptibility Testing



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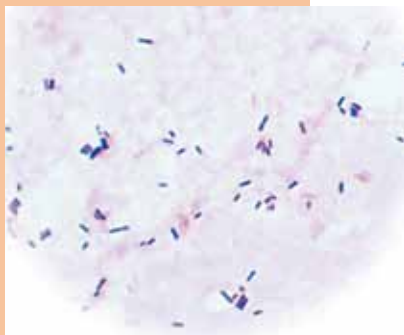
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# Identification & Susceptibility Testing



## BD Difco™ - BD BBL™ - Stains, Droppers & Indicators

### BD Stains, Kits & Reagents

PRODUCT CODE	SIZE	DESCRIPTION
212524	1 kit	Gram Stain Kit (with unstabilised iodine)  Used to differentiate intact, morphologically similar bacteria into two groups based on cell colour after staining. In addition, cell form, size and structural details are evident. Each kit contains 1 bottle (250 ml) each of: <ul style="list-style-type: none"> <li>• Gram Crystal Violet</li> <li>• Gram Iodine (Stabilised)</li> <li>• Gram Decolouriser</li> <li>• Gram Safranin</li> </ul>
212539	1 kit	Gram Stain Kit (with stabilised iodine)  Because inorganic iodine is rapidly oxidised and loses its effectiveness as a mordant, this Gram Stain Kit (Cat. No. 212539) differs from Gram's original formulation by offering a more stable organic iodine complex, L-polyvinylpyrrolidone-iodine. Each kit contains 1 bottle (250 ml) each of: <ul style="list-style-type: none"> <li>• Gram Crystal Violet</li> <li>• Gram Iodine (Stabilised)</li> <li>• Gram Decolouriser</li> <li>• Gram Safranin</li> </ul>
212525	4 x 250 ml	Gram Crystal Violet
212526	3.8 l	(PRIMARY STAIN). For staining microorganisms by the differential Gram method.
212527	4 x 250 ml	Gram Decolouriser
212528	3.8 l	For staining microorganisms by the differential Gram method.
212529	4 x 250 ml	Gram Iodine (Unstabilised)
212530	3.8 l	(MORDANT) Working solution prepared from Gram Diluent and Gram Iodine 100X. For staining microorganisms by the differential Gram method.
212542	4 x 250 ml	Gram Iodine (Stabilised)
212543	3.8 l	(MORDANT). For staining microorganisms by the differential Gram method.
212531	4 x 250 ml	Gram Safranin
212532	3.8 l	(COUNTERSTAIN) For staining microorganisms by the differential Gram method.
212544	4 x 250 ml	Gram Basic Fuchsin  (COUNTERSTAIN). For staining microorganisms by the differential Gram method.
231401	50 x 50 tests	Gram Quality Control Slide  BD BBL™ Gram Stain QC Slides. Conventional 1" x 3" microscope slides imprinted with 10 squares. One square contains control organisms <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> . Nine squares are available for staining test isolates. Gram Slides, individually wrapped, sufficient for 50 tests.

212536	250 ml	Acridine Orange Stain	For detecting microorganisms in direct smears by the fluorescent staining technique. Recommended for use in the fluorescent microscopic detection of microorganisms in direct smears. It is particularly useful in the rapid screening of normally sterile specimens, such as cerebrospinal fluid, where few organisms may be present and in the rapid examination of blood smears or smears containing proteinaceous material where differentiation of organisms from background material may be more difficult.
220310	5 g	Phenol Red	For use as an indicator in preparing microbiological culture media.
421570	12.5 ml	Sedi-Stain™ Concentrated Urine Stain	BD Clay-Adams™ Sedi-Stain™ Concentrated Stain is a stabilised modification of the Sternheimer-Malbin urinary stain. This highly selective formula stains blood cells, casts, and other formed elements in urinary sediment in a distinctive fashion which permits rapid and accurate identification.



## TB Stains

PRODUCT CODE	SIZE	DESCRIPTION
212316	3 x 250 ml	TB Quick Stain - Carbol-fuchsin  Individual component for TB Quick-Stain-Kit (Cat. No. 212315) for a more rapid version of staining mycobacteria by the cold acid-fast procedure.
212511	4 x 250 ml	TB Carbol-fuchsin ZN  Individual component of the TB Stain Kit ZN (Cat. No. 212520) for staining mycobacteria by the Ziehl-Neelsen (hot) acid-fast procedure.
212520	1 kit	TB Stain Kit ZN  For staining mycobacteria by the Ziehl-Neelsen (hot) acid-fast procedure. Each kit contains 1 bottle (250 ml) each of <ul style="list-style-type: none"> <li>• TB Carbol-fuchsin ZN</li> <li>• TB Decolouriser</li> <li>• TB Methylene Blue</li> </ul>
212519	4 x 250 ml	TB Fluorescent Stain Kit M  For staining mycobacteria by auramine O acid-fast fluorescent procedure. Each kit contains 1 bottle (250 ml) each of <ul style="list-style-type: none"> <li>• TB Auramine M</li> <li>• TB Decolouriser TM</li> <li>• TB Potassium Permanganate</li> </ul>
212521	1 kit	TB Fluorescent Stain Kit T  For staining mycobacteria by the Truant, Brett and Thomas fluorescent procedure. Each kit contains 1 bottle (250 ml) each of <ul style="list-style-type: none"> <li>• TB Auramine-Rhodamine T</li> <li>• TB Decolouriser TM</li> <li>• TB Potassium Permanganate</li> </ul>
212512	4 x 250 ml	TB Decolourizer TM  Individual component of the TB Fluorescent Stain Kits M and T (Cat. Nos. 212519 and 212521) for staining mycobacteria by the Truant, Brett and Thomas and the Morse, Blair, Weiser and Sproat fluorescent procedures.
212513	4 x 250 ml	TB Potassium Permanganate  Individual component of the TB Fluorescent Stain Kits M and T (Cat. Nos. 212519 and 212521) for staining mycobacteria by the Truant, Brett and Thomas and the Morse, Blair, Weiser and Sproat fluorescent procedures.
212515	4 x 250 ml	TB Auramine-Rhodamine T  Individual component of the TB Fluorescent Stain Kit T (Cat. No. 212521) for staining mycobacteria by the Truant, Brett and Thomas fluorescent procedure.







## BD Diagnostic Reagent & Stain Droppers

PRODUCT CODE	SIZE	DESCRIPTION
261182	50 ampules	<b>Acridine Orange</b>  Acridine Orange Reagent Droppers are used for fluorescent microscopic detection of microorganisms in direct smears. This is a fluorochrome stain buffered at a low pH, differentiates between bright orange-stained bacteria and pale green to yellow-stained human cells and tissue. Each dropper contains sufficient reagent to stain one slide. Contains 0.5 ml of a 0.01% solution of [3,6-bis (dimethylamino) acridine hydrochloride] in a 0.5 M acetate buffer.
261195	50 ampules	<b>Calcofluor White</b>  Calcofluor White Reagent Droppers are used in the rapid fluorescent microscopic detection of fungi in direct smears. It may be used on fresh, frozen, fixed, paraffin-embedded, and clinical specimens. It can be used in the detection of <i>Pneumocystis carinii</i> and other opportunistic fungal parasites in bronchoalveolar lavage (BAL) specimens and aspirates from immunosuppressed individuals such as AIDS patients. Contains 0.5 ml of a 0.05% solution of calcofluor white in distilled water.
261203	50 ampules	<b>Catalase</b>  Catalase Reagent Droppers are used in a qualitative procedure for determining catalase activity by bacteria. Catalase Reagent Droppers contain a hydrogen peroxide solution of approximately 3% (2.5% to 3.5%). This reagent has been frequently cited as a standard method for performing the catalase test. Contains (approximately) 3% Hydrogen Peroxide and 0.05% or less of stabiliser.
261183	50 ampules	<b>Desoxycholate</b>  Desoxycholate Reagent Droppers are used for the presumptive differentiation of pneumococci from other Gram-positive cocci by the bile solubility test. Each dropper is good for one day's use after ampule has been broken. Contains 0.5 ml of 10% aqueous solution of sodium desoxycholate.
261187	50 ampules	<b>DMACA Indole</b>  DMACA Indole Reagent Droppers are for the detection of indole production as an aid in the identification of aerobic, anaerobic, or facultatively anaerobic organisms. They are used in a rapid spot test for determining the ability of bacteria to produce indole by the deamination of tryptophan. The colour change with DMACA is both rapid and long lasting, making results easier to interpret than with more traditional reagents. Contains 0.5 ml of aqueous 1% p-Dimethylaminocinnamaldehyde in 10% hydrochloric acid.
261189	50 ampules	<b>Dobell &amp; O'Connor Iodine</b>  Dobell & O'Connor Iodine Stain Droppers have a variety of uses as a microbiological stain, including staining the trophozoite, cyst, and egg stages of intestinal parasites. Contains 0.5 ml of solution consisting of iodine 1%, potassium iodide 2%, and water.
261190	50 ampules	<b>Ferric Chloride</b>  Ferric Chloride Reagent Droppers are intended for use in the differentiation of microorganisms capable of phenylalanine deamination. Contain 0.5 ml of 10% ferric chloride in aqueous solution.
261206	50 ampules	<b>Flagella Reagent Dropper</b>  Flagella Stain Droppers are used for demonstrating bacterial flagella and their arrangement on the cell. The flagella stain is based on the tannic acid-crystal violet formula. The presence of flagella is especially useful in the identification of nonfermentative, Gram-negative bacilli and anaerobic bacteria. Contains 0.6% Crystal Violet in Ethanol, 2.0% Tannic Acid, 2.5% Phenol and 5.7% Aluminium Potassium Sulphate.
261194	50 ampules	<b>India Ink</b>  India Ink Reagent Droppers are used to enhance the microscopic detection of <i>Cryptococcus</i> spp. in wet preparations. India Ink Reagent Droppers may be used to stain pus, exudate, tissue, sputum and sediment of centrifuged urine and cerebral spinal fluid (CSF) specimens. Contains 0.5 ml of an aqueous suspension of India ink with suspending agent and preservative.



261185	50 ampules	Indole	Indole Reagent Droppers (modified Kovacs' reagent) are used in determining the ability of bacteria to produce indole by the deamination of tryptophan. Contains 0.5 ml of 5% p-dimethylaminobenzaldehyde dissolved in a solution of 25% hydrochloric acid and 75% isobutyl alcohol.
261188	50 ampules	Lactophenol Cotton Blue	The solution can be used in wet mounts in the examination of yeasts and molds and serves as both a mounting fluid and a stain.
261204	50 ampules	Methylene Blue Loeffler Reagent Dropper	Methylene Blue Loeffler Stain Droppers are used for presumptive identification of <i>Corynebacterium diphtheriae</i> and as an adjunct to the Gram stain.
261201	50 ampules	Ninhydrin	Used in the determination of the hippurate reaction to aid in the identification of certain bacteria.
261197	50 ampules	Nitrate Reagent A	For use in determining the ability of bacteria to reduce nitrate to nitrite or free nitrogen gas. The Enterobacteriaceae, many other Gram-negative bacteria, mycobacteria and fungi reduce nitrate to nitrite. The nitrate-reducing characteristic of a species is constant for certain genera and species. The Nitrate A and B Reagents, when added in equal parts, indicate the presence of a catabolic end product or the absence of nitrate in the medium. Nitrate A Reagent Droppers contain 0.5 ml of 0.8% Sulfanilic Acid in 5N Acetic Acid.
261198	50 ampules	Nitrate Reagent B	The Nitrate A and B Reagents, when added in equal parts, indicate the presence of a catabolic end product or the absence of nitrate in the medium. Nitrate B Reagent Droppers contain 0.5 ml of 0.6% N,N-Dimethyl-alpha-naphthylamine in 5N Acetic Acid.
261181	50 ampules	Oxidase	Oxidase Reagent Droppers are used in the Kovacs oxidase test as a qualitative reaction in the identification of nonfermenters and miscellaneous Gram-negative bacteria. The oxidase test is based on the production of an enzyme called indophenol oxidase. This enzyme oxidises a redox dye (present in the reagent) which results in a colour change of yellow to dark purple. Contains 0.5 ml of a 1% aqueous solution of N,N,N',N'-tetramethyl-p-phenylenediamine dihydrochloride which has been formulated with agents to ensure maximum stability.
261191	50 ampules	10% Potassium Hydroxide	10% Potassium Hydroxide Reagent Droppers are intended for use in the examination of direct smears for fungal elements, most commonly with skin, hair, nail and sputum specimens. Contains 0.5 ml of 10% KOH with 1% dimethyl sulfoxide.
261196	50 ampules	PYR	PYR Reagent Droppers are used in the rapid presumptive identification of group A $\beta$ -haemolytic streptococci and group D enterococci.
261192	50 ampules	Voges-Proskauer A	For use in the Voges-Proskauer test to distinguish between members of the Enterobacteriaceae. Contains 0.5 ml of 5% wt/vol alphanaphthol in absolute alcohol.
261193	50 ampules	Voges-Proskauer B	Voges-Proskauer Reagent B Droppers contain 0.5 ml of 40% wt/vol potassium hydroxide in distilled water.



# BD Manual Identification

## BD Crystal™ Test Kits

The Crystal™ Kits are a miniaturised identification method. Many of the tests used are modifications of classical methods. These include tests for fermentation, oxidation, degradation and hydrolysis of various substrates. In addition, there are chromogen linked substrates to detect enzymes that microbes use to metabolise various substrates.

One-step inoculation with no pipetting for dramatically reduced hands-on time and virtually no repetitive movements. Reagents are pre-dispensed in the wells so no reagent additions or oil overlay are needed. All components are included in every test kit. After inoculation, the snap-on lid ensures a closed system for integrity, safety and no spillage. Each panel IDs many organisms so fewer kits are needed.

PRODUCT CODE	SIZE	DESCRIPTION
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245000	20 tests/kit	BD Crystal™ - Enteric/Nonfermenter ID Kit
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For the identification of aerobic Gram-negative bacteria that belong to the family Enterobacteriaceae as well as some of the more frequently isolated glucose fermenting and non-fermenting Gram-negative bacilli.

The kit contains:

- 20 panel lids
- 20 panel bases
- 20 inoculum tubes
- 2 incubation trays
- 1 result pad

245010	20 tests/kit	BD Crystal™ - Anaerobe ID Kit
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Intended for the identification of clinically significant anaerobic bacteria in 4 hours. Separate databases for Schaedler Blood Agar, CDC Anaerobe Blood Agar and Alternate Blood Agars are included for improved specificity.

The kit contains:

- 20 panel lids
- 20 panel bases
- 20 inoculum tubes
- 2 incubation trays
- 1 result pad

245130	20 tests/kit	BD Crystal™ - Neisseria/Haemophilus ID Kit
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Intended for the identification of frequently isolated *Neisseria* and *Haemophilus* species as well as several other fastidious bacteria. The kit identifies 35 organisms from multiple media.

The kit contains:

- 20 panel lids
- 20 panel bases
- 20 inoculum tubes
- 2 incubation trays
- 1 result pad

245140	20 tests/kit	BD Crystal™ - Gram-Positive ID Kit
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Intended for the identification of frequently isolated aerobic Gram-positive bacteria.

The kit contains:

- 20 panel lids
- 20 panel bases
- 20 inoculum tubes
- 2 incubation trays
- 1 result pad

245150	20 tests/kit	BD Crystal™ - Rapid Gram-Positive ID Kit
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For the identification of frequently isolated aerobic Gram-positive bacteria. The kit identifies 88 Gram-positive organisms from multiple media.

The kit contains:

- 20 panel lids
- 20 panel bases
- 20 inoculum tubes
- 2 incubation trays
- 1 result pad



## BD Crystal™ Accessories

PRODUCT CODE	SIZE	DESCRIPTION
245015	1	BD CrystalSpec™ - Standards  One set contains a BD CrystalSpec™ calibration blank (0 McFarland) and a BD CrystalSpec™ calibration standard (2.0 McFarland). Used for the proper calibration of a BD CrystalSpec™ Nephelometer.
297298	1	BD Crystal™ - McFarland Turbidity Standard No. 0.5  The McFarland 0.5 standard is used for the preparation of inocula in standardised agar dilution, broth macro- and microdilution, disc diffusion and anaerobic organism susceptibility test procedures.
245016	1	BD Crystal™ - Colour Reaction Charts  Used for the manual interpretation of the colour reactions of the various BD Crystal™ identification kits.
245032	1	BD Crystal™ - Panel Viewer  The BD Crystal™ Panel Viewer can be used for the manual interpretation of all BD Crystal™ kits. With integrated UV lamp for the evaluation of chromogenic and fluorogenic reactions.
245034	1	BD Crystal™ - Panel Viewer Longwave UV Tube
245036	1	BD Crystal™ - Panel Viewer White Light Tube
440910	1	BD PhoenixSpec™ - Nephelometer  A battery-powered, portable device designed for measuring inoculum density in McFarland units. The device is accurate from 0.5-4 McFarland units in increments of 0.1 units. The instrument can be used for any laboratory procedure that requires inoculum density adjustments within this range. Includes a calibration blank (0 McFarland), calibration standard (2.0 McFarland), low volume sample adaptor and a battery. Used with BD PhoenixSpec™ -Calibration Standards, Cat. No. 440911.
440984	1	PhoenixSpec™ 240V AC Adapter
441010	1	BD Crystal™ - MIND Software  The BD Crystal™ MIND (Microbiology Interactive Database) software is designed to identify clinically relevant bacteria. BD Crystal™ MIND provides identification of the unknown organism run in a panel by mathematically interpreting the BD Crystal™ profile number and off-line test results and evaluating the results against the organisms contained in the appropriate Crystal™ MIND database.
245038	10 tubes	BD Crystal™ - Inoculum Fluid  Additional ID inoculum broth tubes for use with: <ul style="list-style-type: none"> <li>• BD Crystal™ ANR (Cat. No. 245010)</li> <li>• Gram-Positive (Cat. No. 245240)</li> <li>• Rapid Gram-Positive (Cat. No. 245250) &amp;</li> <li>• Neisseria/Haemophilus ID kits (Cat. No. 245130)</li> </ul>
245029	10 tubes	BD Crystal™ - Enteric/Stool ID Inoculum Fluid  Additional ID inoculum broth tubes for use with BD Crystal™ E/NF (Cat. No. 245000).
245300	10 tubes	BD Crystal™ - Autoreader  The BD Crystal™ Autoreader is a compact, easy-to-use machine which can be run with the standard Crystal MIND software. After incubation, just put the Crystal™ Panel into the autoreader and results are instantly uploaded. Ensures consistent, reliable results without subjective interpretation.
245302	10 tubes	BD Crystal™ - Reference Panel for Autoreader  For calibration of the BD Crystal™ Autoreader.



# BD Microtrol™ Quality Control Organisms

## BD Microtrol™ Strains

Microtrol discs are intended for use in microbiological laboratories for the control of test methods. Being 1st generation derivatives traceable to vials of recognised national type culture strains, Microtrol discs are acceptable in accredited laboratories for the production of working stock cultures.

Microtrol discs are freeze-dried microbial preparations manufactured exclusively from NCTC (NATIONAL COLLECTION OF TYPE CULTURES)\* and NCPF (National Collection of Pathogenic Fungi) cultures. The viability of the organisms is stabilised by the incorporation of activated charcoal in the disc and silica gel with the vials.



PRODUCT CODE	SIZE	DESCRIPTION
254632	10 discs	BD Microtrol™ - <i>Aeromonas hydrophila</i> NCTC 8049 / ATCC® 7966
254652	10 discs	BD Microtrol™ - <i>Aspergillus niger</i> NCPF 2275 / ATCC® 16404
254648	25 discs	BD Microtrol™ - <i>Bacillus cereus</i> NCTC 7464 / ATCC® 10876
254612	25 discs	BD Microtrol™ - <i>Bacillus subtilis</i> NCTC 10400 / ATCC® 6633
254627 †	10 discs	BD Microtrol™ - <i>Bacteroides fragilis</i> NCTC 9343/ATCC® 25285
254645 †	10 discs	BD Microtrol™ - <i>Campylobacter jejuni</i> NCTC 11322 / ATCC® 29428
254611	25 discs	BD Microtrol™ - <i>Candida albicans</i> NCPF 3255 / ATCC® 2091
254625	25 discs	BD Microtrol™ - <i>Candida albicans</i> NCPF 3179 / ATCC® 10231
257461	10 discs	BD Microtrol™ - <i>Citrobacter freundii</i> NCTC 9750/ ATCC® 8090
254628 †	10 discs	BD Microtrol™ - <i>Clostridium perfringens</i> NCTC 8237/ATCC® 13124
254614 †	25 discs	BD Microtrol™ - <i>Clostridium sporogenes</i> NCTC 532 / ATCC® 19404
254609	25 discs	BD Microtrol™ - <i>Enterobacter aerogenes</i> NCTC 10006 / ATCC® 13048
257464	10 discs	BD Microtrol™ - <i>E. cloacae</i> NCTC 13380 / ATCC® 23355
254999	25 discs	BD Microtrol™ - <i>E. faecalis</i> NCTC 775 / ATCC® 19433
254602	25 discs	BD Microtrol™ - <i>E. faecalis</i> NCTC 12697 / ATCC® 29212
257388	10 discs	BD Microtrol™ - <i>E. faecalis</i> NCTC 13379 / ATCC® 51299
257462	10 discs	BD Microtrol™ - <i>E. hirae</i> NCTC 13383 / ATCC® 10541
254986	25 discs	BD Microtrol™ - <i>Escherichia coli</i> NCTC 12241 / ATCC® 25922
254607	25 discs	BD Microtrol™ - <i>Escherichia coli</i> NCTC 11954 / ATCC® 35218
254616	25 discs	BD Microtrol™ - <i>Escherichia coli</i> NCTC 10418 / ATCC® 10536
254621	25 discs	BD Microtrol™ - <i>Escherichia coli</i> NCTC 12923 / ATCC® 8739
257441 †	10 discs	BD Microtrol™ - <i>H. influenzae</i> NCTC 12699 / ATCC® 49247
257463	10 discs	BD Microtrol™ - <i>Klebsiella aerogenes</i> NCTC 9528
254988	25 discs	BD Microtrol™ - <i>K. pneumoniae</i> NCTC 9633 / ATCC® 13883
254656	10 discs	BD Microtrol™ - <i>K. pneumoniae</i> NCTC 13368 / ATCC® 700603
254631	25 discs	BD Microtrol™ - <i>L. monocytogenes</i> NCTC 7973/ ATCC® 35152
257419	10 discs	BD Microtrol™ - <i>Listeria monocytogenes</i> NCTC 11994
257420	10 discs	BD Microtrol™ - <i>N. gonorrhoeae</i> NCTC 8375 / ATCC® 19424
257440	10 discs	BD Microtrol™ - <i>Proteus mirabilis</i> NCTC 13376 / ATCC® 14153
254992	25 discs	BD Microtrol™ - <i>P. aeruginosa</i> NCTC 12903 / ATCC® 27853
254623	25 discs	BD Microtrol™ - <i>P. aeruginosa</i> NCTC 12924 / ATCC® 9027
257443	10 discs	BD Microtrol™ - <i>P. aeruginosa</i> NCTC 13359 / ATCC® 15442
254991	25 discs	BD Microtrol™ - <i>Proteus vulgaris</i> NCTC 4175 / ATCC® 13315
257431	10 discs	BD Microtrol™ - <i>Salmonella</i> Nottingham NCTC 7832

254651	25 discs	BD Microtrol™ - <i>Salmonella</i> Poona NCTC 4840
254993	25 discs	BD Microtrol™ - <i>S. Typhimurium</i> NCTC 12023 / ATCC® 14028
257442	10 discs	BD Microtrol™ - <i>S. mercescens</i> NCTC 13382 / ATCC® 8100
254995	25 discs	BD Microtrol™ - <i>S. aureus</i> NCTC 12981 / ATCC® 25923
254996	25 discs	BD Microtrol™ - <i>S. aureus</i> NCTC 12973 / ATCC® 29213
254613	25 discs	BD Microtrol™ - <i>S. aureus</i> NCTC 7447 / ATCC® 6538P
254629	25 discs	BD Microtrol™ - <i>S. aureus</i> NCTC 10788 / ATCC® 6538
254647	10 discs	BD Microtrol™ - <i>S. aureus</i> NCTC 6571 / ATCC® 9144
254658	10 discs	BD Microtrol™ - <i>S. aureus</i> NCTC 13373 / ATCC® 43300
254997	25 discs	BD Microtrol™ - <i>S. epidermidis</i> NCTC 13360 / ATCC® 12228
257444	10 discs	BD Microtrol™ - <i>S. agalactiae</i> NCTC 8181 / ATCC® 13813
254603	25 discs	BD Microtrol™ - <i>S. pneumoniae</i> NCTC 12695 / ATCC® 6303
254657	10 discs	BD Microtrol™ - <i>S. pneumoniae</i> NCTC 12977 / ATCC® 49619
254604	25 discs	BD Microtrol™ - <i>S. pyogenes</i> NCTC 12696 / ATCC® 19615
254643	25 discs	BD Microtrol™ - <i>Y. enterocolitica</i> NCTC 12982 / ATCC® 9610

\*NCTC and NATIONAL COLLECTION OF TYPE CULTURES are trade marks of the Health Protection Agency. ATCC® strains are listed as a reference only. ATCC® is a registered trademark of the American Type Culture Collection.

† Note that these strains must be stored at -30 C to -15 C.



## BD DrySlide™

PRODUCT CODE	SIZE	DESCRIPTION
231746	75 slides	BD DrySlide™ - Oxidase  Used for determining the oxidase reaction of bacteria; 25 x 3 slides. Oxidase-positive organisms produce a purple or dark colour within 20 seconds. Oxidase-negative organisms produce no colour change or a change to light gray within the 20 second test period.
231747	15 slides	BD DrySlide™ - PYR Kit  BD DrySlide™ PYR is a disposable slide format for the presumptive identification of group A streptococci and enterococci. Contains the reagent L-pyrrolidonyl-β-naphthylamide (PYR) which is hydrolysed by bacteria possessing the enzyme pyrrolidonyl amino peptidase. The addition of the BD DrySlide™ PYR Colour Developer, which is provided in convenient crush ampoules, results in a vivid colour reaction in a 3 minute test. 60 tests consisting of: <ul style="list-style-type: none"> <li>• 15 BD DrySlide™ PYR Slides</li> <li>• 15 x 0.5 ml BD DrySlide™ PYR Colour Developer</li> </ul>
231748	75 slides	BD DrySlide™ - Indole  BD DrySlide™ Indole is used for determining the indole reaction of bacteria. The indole test is a qualitative procedure for determining the ability of bacteria to produce indole by reductive deamination of tryptophan. Vracko and Sherris showed that the indole test can be performed using filter paper moistened with p-dimethylaminobenzaldehyde (DMABA), an effective indicator of indole production. BD DrySlide™ Indole is a disposable slide with four filter paper reaction areas containing 5% pdimethylaminobenzaldehyde (DMABA); 25 x 3 slides.
231749	25 slides	BD DrySlide™ - Nitrocefin  Used for detecting β-lactamase production by bacteria. BD DrySlide™ Nitrocefin employs nitrocefin, a cephalosporin compound first described by Glaxo Research (Middlesex, England), in the chromogenic cephalosporin test methodology.





## BD Enterotube™ Testing Systems

PRODUCT CODE	SIZE	DESCRIPTION
212116	25 tubes	BD Oxi/Ferm™ Tube II  Prepared multi-media tube for the rapid differential identification of Gram-negative oxidative fermentative bacteria. Features a self contained compartmented tube containing 12 different conventional media with only one off-line test (Oxidase). Allows identification of Gram-negative non-fermenting bacteria (22 taxa).
273176	25 tubes	BD Enterotube™ II  Prepared multi-media tube for the rapid identification of Enterobacteriaceae. Features a self contained compartmented tube containing 12 different conventional media. Allows identification of Enterobacteriaceae (29 taxa). Incubation time is 20-24 hrs at 35-37 °C.

## BD Taxo™ Manual Differentiation

### BD Taxo™ Blank Paper Discs

PRODUCT CODE	SIZE	DESCRIPTION
231039	6 x 50 discs	BD Taxo™ - Blank Discs (Diameter ¼")

### BD Taxo™ Differentiation Discs & Strips

PRODUCT CODE	SIZE	DESCRIPTION
231040	50 discs	BD Taxo™ - A Discs
231041	6 x 50 discs	BD Taxo™ A discs are for the presumptive identification of group A beta-haemolytic streptococci based on susceptibility to a low level of bacitracin. Discs are intended for use with pure cultures.
231552	10 x 50 discs	
231650	50 discs	BD Cefinase™ Paper Disc (¼")  Paper Discs for the Detection of Beta-Lactamase Enzymes. Impregnated with nitrocefin. Used in rapid testing of isolated colonies of <i>Neisseria gonorrhoeae</i> , <i>Staphylococcus</i> spp., <i>Haemophilus influenzae</i> and anaerobic bacteria for the production of beta-lactamase.
231723	50 discs	BD Taxo™ - Hippurate Discs
231724	10 x 50 discs	BD Taxo™ Differentiation Discs (¼") Hippurate are used for detecting the hydrolysis of sodium hippurate by beta-haemolytic group B streptococci, as well as by other organisms. The paper discs contain sufficient sodium hippurate to yield a positive reaction with organisms producing sufficient hippuricase to hydrolyse the substrate.
231044	50 discs	BD Taxo™ - N Discs
231045	6 x 50 discs	BD Taxo™ N discs are used in qualitative procedures to distinguish those organisms which produce oxidase. By this reaction, these discs may be used for the presumptive differentiation of the genus <i>Neisseria</i> from other Gram-negative cocci and members of the genus <i>Pseudomonas</i> from enteric bacilli.
296289	1 g	Nitrocefin Powder
297065	250 mg	
231750	50 discs	BD Taxo™ - Novobiocin Discs  BD Taxo™ Differentiation Discs Novobiocin are recommended for the differentiation of coagulase negative staphylococci (e.g., <i>Staphylococcus saprophyticus</i> ) based on novobiocin resistance. These are paper discs containing 5 µg novobiocin.



231248	50 discs	BD Taxo™ - ONPG Discs	Used for the detection of lactose fermenters, especially those that do not promptly ferment lactose in some routine identification media such as Triple Sugar Iron Agar (TSI Agar) or Kligler Iron Agar.
231046	50 discs	BD Taxo™ - P Discs	BD Taxo™ P Discs are impregnated with ethylhydrocupreine hydrochloride (optochin), a drug used for pneumonia therapy before sulfonamides became available. The growth of pneumococci, but not of other streptococci, is markedly inhibited by this chemical. Pneumococci may, therefore, be differentiated from other alpha-haemolytic streptococci by the formation of a zone of inhibition around a BD Taxo™ P disc placed on a blood agar plate heavily inoculated with a pure culture suspected to be <i>Streptococcus pneumoniae</i> . 231046 Taxo™ P Discs, Single vial of 50 discs. 231047 Taxo™ P Discs, Pkg. of 6 vials. 231048 Taxo™ P Discs, Single cartridge of 50 discs. 231554 Taxo™ P Discs, Pkg. of 10 cartridges.
231047	6 x 50 discs		
231048	50 discs		
231554	10 x 50 discs		
231726	50 discs	BD Taxo™ - SPS Discs	BD Taxo™ Differentiation Discs SPS (sodium polyanethol sulfonate) are used for presumptively identifying <i>Peptostreptococcus anaerobius</i> and <i>Gardnerella vaginalis</i> . These are paper discs that contain sodium polyanethol sulfonate.
231728	10 x 50 discs	BD Taxo™ - V Factor Discs	For differentiating <i>Haemophilus</i> species. Round, white ¼" paper discs with "V" printed on both sides.
231109	6 x 50 strips	BD Taxo™ - V Factor Strips	BD Taxo™ Strips impregnated with X, V and X and V factors are used in a qualitative procedure for the isolation and differentiation of <i>Haemophilus</i> species. The growth of these organisms is partially dependent upon the presence of the X or V factor or both. These strips provide a simple method for determining the growth requirements of organisms in this group. BD Taxo™ X and V Factor Strips may be substituted for the staphylococcus streak used in some laboratories for isolation of <i>Haemophilus</i> spp. when the base medium is BD Trypticase™ Soy Agar with or without sheep blood. 6 Vials.
231730	10 x 50 discs	BD Taxo™ - X Factor Discs	For differentiating <i>Haemophilus</i> species. Round, brown ¼" paper discs with "X" printed on both sides.
231107	6 x 50 strips	BD Taxo™ - X Factor Strips	For differentiating <i>Haemophilus</i> species.
231732	10 x 50 discs	BD Taxo™ - X and V Factor Discs	For differentiating <i>Haemophilus</i> species. Round, light tan ¼" paper discs with "VX" printed on both sides.
231104	50 strips	BD Taxo™ - X and V Factor Strips	For differentiating <i>Haemophilus</i> species.
231105	6 x 50 strips		



## BD Taxo™ Carbohydrate Discs

PRODUCT CODE	SIZE	DESCRIPTION
231061	50 discs	BD Taxo™ - Dextrose Discs
231062	6 x 50 discs	BD Taxo™ - Dextrose Discs
231071	50 discs	BD Taxo™ - Lactose Discs
231072	6 x 50 discs	BD Taxo™ - Lactose Discs
231075	50 discs	BD Taxo™ - Maltose Discs
231076	6 x 50 discs	BD Taxo™ - Maltose Discs
231098	50 discs	BD Taxo™ - Sucrose Discs
231099	6 x 50 discs	BD Taxo™ - Sucrose Discs

# BD Phoenix™ Automated Identification & Susceptibility Testing

## BD Phoenix™ Instrument & Accessories



PRODUCT CODE	SIZE	DESCRIPTION
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448100	1	BD Phoenix™ 100 - Instrument
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The BD Phoenix™ Automated Microbiology System is designed for the rapid Identification (ID) and Antimicrobial Susceptibility Testing (AST) of clinically significant human bacterial pathogens. The instrument holds up to 100 panels (ID only, AST only, combined ID/AST, or a mixture), thus being capable of performing 200 simultaneous tests with the combined ID/AST panels. Identification is based on colourimetric and fluorescence readings without the need for supplemental tests or reagent addition. The AST is based on a dual indicator system (redox and turbidity readings) for optimal performance. Panel readings are taken by the BD Phoenix™ instrument every 20 minutes and on average, provide the final interpretation of ID results in less than 3 hours and of AST results in approximately 8 hours. Over 160 Gram-negative organisms and over 145 Gram-positive organisms are in the BD Phoenix™ database. The BD Phoenix™ supports CLSI (formerly NCCLS), SFM, DIN, BSAC and EUCAST based rules as well as customisable breakpoints. An integrated customisable expert system (BDXpert System) is used for result validation. The BD Phoenix™ System features only one moving part, easy-to-use icon driven software, rapid reporting of preliminary results, specimen barcoding, direct LIS connection and minimal user maintenance. The System can be connected to the BD EpiCenter™ Data Management System which provides the laboratory with workflow management, patient demographic storage, advanced query and custom reporting, and infection control and epidemiology analysis.

448099	1	BD Phoenix™ 100 - Table
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440911	1	BD PhoenixSpec™ - Calibration Standards
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Contains 0.1 & 4.5 McFarland standards for the proper calibration of a BD PhoenixSpec Nephelometer, plus 0.25 & 0.5 McFarland standards to assure proper operation on a daily basis.

448020	2	BD Phoenix™ - Panel Caddy
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The BD Phoenix™ Panel Caddy is a moulded plastic tray used to transport filled and sealed panels from the preparation bench to the BD Phoenix™ instrument. Each caddy can carry up to 20 panels.

448025	1	BD Phoenix™ - 25 µl Hamilton-Pipette
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The BD Phoenix™ 25 µl Hamilton-Pipette is used for the transfer of bacterial suspensions from the inoculated ID Broth tubes to the AST broth tubes.

448030	5	BD Phoenix™ - Inoculation Station
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The BD Phoenix™ Inoculation Station is designed to hold six tubes of broth (3 ID, 3 AST) and three panels at an angle of 24° in order to provide the proper gravity-driven inoculum flow of broth through panels during panel inoculation.

440910	1	BD PhoenixSpec™ - Nephelometer
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A battery-powered, portable device designed for measuring inoculum density in McFarland units. The device is accurate from 0.5-4 McFarland units in increments of 0.1 units. The instrument can be used for any laboratory procedure that requires inoculum density adjustments within this range. Includes a calibration blank (0 McFarland), calibration standard (2.0 McFarland), low volume sample adaptor and a battery. Used with BD PhoenixSpec - Calibration Standards, Cat. No. 440911.

448037	1632	BD Phoenix™ - Pipette Tips
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Extra long, aerosol-resistant pipette tips for use with the BD Phoenix™ 25 µl Hamilton-Pipette (Cat. No. 448025). Packaged as 204 tips per rack; 8 racks per shelf pack (in total 1632 pipette tips). Cat.No. 448037 replaces former Cat.No. 448026.



448040	1	BD Phoenix™ - Starter Kit
<p>The BD Phoenix™ Starter Kit includes:</p> <ul style="list-style-type: none"> <li>• 5 inoculation stations</li> <li>• 2 panel caddies</li> <li>• 1 fixed volume pipette</li> <li>• 960 pipette tips</li> <li>• 1 temperature panel</li> <li>• 4 spare air filters</li> <li>• 1 external bar code scanner</li> <li>• 3 power cords and</li> <li>• 1 quick reference guide</li> </ul>		
448045	100	BD Phoenix™ - Panel Closure
<p>100 panel closures, used for sealing of BD Phoenix™ panels after inoculation.</p>		
246001	100 x 4.5 ml	BD Phoenix™ - ID Broth
<p>The BD Phoenix™ ID broth is a modified saline solution that, after addition of bacteria, is used for identification of microorganisms by the BD Phoenix™ system. The broth is supplied in screw-cap tubes with a volume of 4.5 ml. 1 tube of ID Broth is sufficient to inoculate 1 BD Phoenix™ panel.</p>		
246003	100 x 8 ml	BD Phoenix™ - AST Broth
<p>The BD Phoenix™ AST broth is modified Mueller Hinton Broth that, after the addition of AST indicator and bacterial suspension, is used for susceptibility testing of microorganisms by the BD Phoenix™ system. The broth is supplied in screw-cap tubes with a volume of 8.0 ml. 1 tube of AST Broth is sufficient to inoculate 1 BD Phoenix™ panel.</p>		
246004	10	BD Phoenix™ - AST Indicator
<p>The BD Phoenix™ AST indicator is a redox indicator that, after addition to AST broth, is used for susceptibility testing of microorganisms by the BD Phoenix™ system. Each 6 ml bottle of AST Indicator is sufficient for the inoculation of 100 AST Broth tubes, i.e. 1 package (10 bottles) is sufficient for 1000 tubes.</p>		



## BD Phoenix™ ID & AST Panels

PRODUCT CODE	SIZE	DESCRIPTION
Enquire	25	BD Phoenix™ Panels
<p>Various ID and AST panels, including EUCAST compliant panels are available for the BD Phoenix™. For further information about the range of configurations available to suit you, please contact us.</p>		

# Manual Susceptibility Testing

## McFarland Turbidity Standards

PRODUCT CODE	SIZE	DESCRIPTION
297298	10 tubes	McFarland Turbidity Standard No. 0.5

McFarland standards are used as turbidity standards in the preparation of suspensions of microorganisms. The McFarland 0.5 standard has particular application in the preparation of bacterial inocula for performing antimicrobial susceptibility testing. The performance of susceptibility testing requires the use of standard inocula. The McFarland 0.5 standard is used for the preparation of inocula in standardised agar dilution, broth macro- and microdilution, disc diffusion and anaerobic organism susceptibility test procedures. Contains 10 Size K Tubes.

## BD Sensi-Disc™ Dispensers

PRODUCT CODE	SIZE	DESCRIPTION
260457	1	BD Sensi-Disc™ Dispenser, single place

The BD Sensi-Disc™ Single Disc Dispenser is recommended for the individual application of cartridge BD BBL™ brand antimicrobial susceptibility test and biochemical differentiation discs onto the surface of inoculated plated media. The Single Disc Dispenser replaces the manual placement of discs using sterile forceps.

| 260661 | 1 | BD Sensi-Disc™ Dispenser, 6-place |

These BD Sensi-Disc™ self-tamping dispensers accommodate 6 cartridges of BD Sensi-Disc™ susceptibility test discs or BD Taxo™ anaerobe differentiation discs. They are used to deliver discs onto 90 mm and 100 mm-style Petri dishes. Complete with storage canister and reusable indicator desiccant container.

| 260660 | 1 | BD Sensi-Disc™ Dispenser, 8-place |

These BD Sensi-Disc™ self-tamping dispensers accommodate 8 cartridges of BD Sensi-Disc™ susceptibility test discs or BD Taxo™ anaerobe differentiation discs. They are used to deliver discs onto 90 mm and 100 mm-style Petri dishes. Complete with storage canister and reusable indicator desiccant container.

| 260640 | 1 | BD Sensi-Disc™ Dispenser, 12 place |

The BD Sensi-Disc™ Designer Dispenser accommodates up to twelve cartridges of BD Sensi-Disc™ susceptibility test discs. It is used to deliver discs onto 150 mm-style Petri dishes when performing disc susceptibility testing, especially by the standardised method.



## BD Sensi-Disc™ Susceptibility Test Discs

Sensi-Disc™ brand discs are 6-mm discs prepared by impregnating high quality absorbent paper with accurately determined amounts of antibiotic or other chemotherapeutic agents. Discs are clearly marked on both sides with letters and numbers designating the agent and the drug content.

The discs are furnished in cartridges containing 50 discs each. The last disc in each cartridge is marked "X" and contains the drug as coded. Cartridges are for use in the BD BBL™ Sensi-Disc™ Dispensers detailed on the previous page. Discs are available in a single cartridge of 50 discs, or in blister packs of 10 cartridges.

PRODUCT CODE	SIZE	DESCRIPTION
231639	10 x 50 discs	Amdinocillin, 10 µg (AMD-10)
254744	50 discs	Amikacin, 10 µg (AN-10)
231597	10 x 50 discs	Amikacin, 30 µg (AN-30)
291370	10 x 50 discs	Amoxicillin, 10 µg (AMX-10)
231629	10 x 50 discs	Amoxicillin, 20 µg + Clavulanic Acid, 10 µg (AmC-30)
254718	50 discs	Amoxicillin, 20 µg + Clavulanic Acid, 10 µg (AmC-30)
291270	10 x 50 discs	Amoxicillin, 2 µg + Clavulanic Acid, 1 µg (AmC-3)
295306	10 x 50 discs	Amoxicillin, 25 µg (AMX-25)
254741	50 discs	Amoxicillin, 25 µg (AMX-25)
231264	10 x 50 discs	Ampicillin, 10 µg (AM-10)
231660	10 x 50 discs	Ampicillin, 10 µg + Sulbactam, 10 µg (SAM-20)
231263	10 x 50 discs	Ampicillin, 2 µg (AM-2)
291269	50 discs	Ampicillin, 25 µg (AM-25)
231682	10 x 50 discs	Azithromycin, 15 µg (AZM-15)
231625	10 x 50 discs	Azlocillin, 75 µg (AZ-75)
231641	10 x 50 discs	Aztreonam, 30 µg (ATM-30)
231268	10 x 50 discs	Bacitracin, 10 units (B-10)
231267	10 x 50 discs	Bacitracin, 2 units (B-2)
254750	50 discs	Bacitracin, 20 µg (B-20)
254862	10 discs	Blank Discs, Nonsterile
231555	10 x 50 discs	Carbenicillin, 100 µg (CB-100)
231653	10 x 50 discs	Cefaclor, 30 µg (CEC-30)
254758	50 discs	Cefadroxyl, 30 µg (CFR-30)
231595	10 x 50 discs	Cefamandole, 30 µg (MA-30)
231594	50 discs	Cefamandole, 30 µg (MA-30)
231593	10 x 50 discs	Cefazolin, 30 µg (CZ-30)
231714	10 x 50 discs	Cefdinir, 5 µg (CDR-5)
231696	10 x 50 discs	Cefepime, 30 µg (FEP-30)
254893	50 discs	Cefepime, 30 µg (FEP-30)
231664	10 x 50 discs	Cefixime, 5 µg (CFM-5)
231643	10 x 50 discs	Cefonicid, 30 µg (CID-30)
231613	10 x 50 discs	Cefoperazone, 75 µg (CFP-75)
231607	10 x 50 discs	Cefotaxime, 30 µg (CTX-30)
231752	10 x 50 discs	Cefotaxime, 30 µg + Clavulanic Acid, 10 µg (CTX-CLA)
231751	50 discs	Cefotaxime, 30 µg + Clavulanic Acid, 10 µg (CTX-CLA)
291308	10 x 50 discs	Cefotaxime, 5 µg (CTX-5)





231656	10 x 50 discs	Cefotetan, 30 µg (CTT-30)
231591	10 x 50 discs	Cefoxitin, 30 µg (FOX-30)
232207	50 discs	Cefoxitin, 10 µg (FOX-10)
231674	10 x 50 discs	Cefpodoxime, 10 µg (CPD-10)
231684	10 x 50 discs	Cefprozil, 30 µg (CPF-30)
254760	50 discs	Cefsulodin, 30 µg (CFS-30)
231754	10 x 50 discs	Ceftazidime, 30 µg + Clavulanic Acid, 10 µg (CAZ-CLA)
231753	50 discs	Ceftazidime, 30 µg + Clavulanic Acid, 10 µg (CAZ-CLA)
231633	10 x 50 discs	Ceftazidime, 30 µg, (CAZ-30)
291255	50 discs	Ceftiofur, 30 µg (XNL-30)
231635	10 x 50 discs	Ceftriaxone, 30 µg (CRO-30)
231621	10 x 50 discs	Cefuroxime, 30 µg (CXM-30)
291314	10 x 50 discs	Cefuroxime, 5 µg (CXM-5)
295308	10 x 50 discs	Cephalexin, 30 µg (CN-30)
254732	50 discs	Cephalexin, 30 µg (CN-30)
231271	10 x 50 discs	Cephalothin, 30 µg (CF-30)
296986	10 x 50 discs	Cephradine, 30 µg (CH-30)
291272	10 x 50 discs	Chloramphenicol, 10 µg (C-10)
231274	10 x 50 discs	Chloramphenicol, 30 µg (C-30)
291273	10 x 50 discs	Ciprofloxacin, 1 µg (CIP-1)
231658	10 x 50 discs	Ciprofloxacin, 5 µg (CIP-5)
231678	10 x 50 discs	Clarithromycin, 15 µg (CLR-15)
232108	50 discs	Clarithromycin, 2 µg (CLR-2)
254733	50 discs	Clindamycin, 10 µg (CC-10)
231275	10 x 50 discs	Clindamycin, 2 µg (CC-2)
231276	10 x 50 discs	Cloxacillin, 1 µg (CX-1)
231278	10 x 50 discs	Colistin, 10 µg (CL-10)
291309	10 x 50 discs	Colistin, 25 µg (CL-25)
232116	50 discs	Dalfopristin/Quinupristin (Synercid), 15 µg (SYN-15)
232219	10 x 50 discs	Doripenem, 10 µg (DOR-10)
231286	10 x 50 discs	Doxycycline, 30 µg (D-30)
232174	50 discs	Ertapenem, 10 µg (ETP-10)
232175	10 x 50 discs	Ertapenem, ETP-10, 10 mcg (10/sp)
291274	10 x 50 discs	Erythromycin, 10 µg (E-10)
231290	10 x 50 discs	Erythromycin, 15 µg (E-15)
254731	50 discs	Erythromycin, 15 µg (E-15)
291298	10 x 50 discs	Erythromycin, 5 µg (E-5)
231709	50 discs	Fosfomycin, 200 µg (FOS-200)
296589	50 discs	Fosfomycin, 50 µg (FF-50)
291277	10 x 50 discs	Fusidic Acid, 10 µg (FA-10)
254785	50 discs	Fusidic Acid, 10 µg (FA-10)
231299	10 x 50 discs	Gentamicin, 10 µg (GM-10)



231693	50 discs	Gentamicin, 120 µg (GM-120)
231645	10 x 50 discs	Imipenem, 10 µg (IPM-10)
254797	50 discs	Imipenem, 10 µg (IPM-10)
231301	10 x 50 discs	Kanamycin, 30 µg (K-30)
232114	50 discs	Levofloxacin, 1 µg (LVL-1)
231706	10 x 50 discs	Levofloxacin, 5 µg (LVL-5)
231302	10 x 50 discs	Lincomycin, 2 µg (L-2)
232184	50 discs	Linezolid, 10 µg (LZD-10)
231762	10 x 50 discs	Linezolid, 30 µg (LZD-30)
231761	50 discs	Linezolid, 30 µg (LZD-30)
232149	10 x 50 discs	Mecillinam, 10 µg (MEC-10)
231704	10 x 50 discs	Meropenem, 10 µg (MEM-10)
254882	50 discs	Meropenem, 10 µg (MEM-10)
291279	10 x 50 discs	Metronidazole, 5 µg (MET-5)
231605	10 x 50 discs	Metronidazole, 80 µg (MET-80)
231251	10 x 50 discs	Minocycline, 30 µg (MI-30)
231611	10 x 50 discs	Moxalactam, 30 µg (MOX-30)
231758	10 x 50 discs	Moxifloxacin, 5 µg (MXF-5)
231757	50 discs	Moxifloxacin, 5 µg (MXF-5)
232097	50 discs	Mupirocin, 200 µg (MUP-200)
291280	10 x 50 discs	Mupirocin, 5 µg (MUP-5)
231309	10 x 50 discs	Nafcillin, 1 µg (NF-1)
231311	10 x 50 discs	Nalidixic Acid, 30 µg (NA-30)
254730	50 discs	Nalidixic Acid, 30 µg (NA-30)
231313	10 x 50 discs	Neomycin, 30 µg (N-30)
231312	10 x 50 discs	Neomycin, 5 µg (N-5)
291281	10 x 50 discs	Netilmicin, 10 µg (NET-10)
231603	10 x 50 discs	Netilmicin, 30 µg (NET-30)
231292	10 x 50 discs	Nitrofurantoin, 100 µg (FM-100)
295339	10 x 50 discs	Nitrofurantoin, 200 µg (FM-200)
231293	10 x 50 discs	Nitrofurantoin, 300 µg (FM-300)
291282	10 x 50 discs	Nitrofurantoin, 50 µg (FM-50)
231647	10 x 50 discs	Norfloxacin, 10 µg (NOR-10)
232102	10 x 50 discs	Norfloxacin, 2 µg (NOR-2)
231315	10 x 50 discs	Novobiocin, 30 µg (NB-30)
231314	10 x 50 discs	Novobiocin, 5 µg (NB-5)
231672	10 x 50 discs	Ofloxacin, 5 µg (OFX-5)
254819	50 discs	Ofloxacin, 5 µg (OFX-5)
254821	50 discs	Oleandomycin, 15 µg (OL-15)
231319	10 x 50 discs	Oxacillin, 1 µg (OX-1)
254822	50 discs	Oxacillin, 1 µg (OX-1)
254823	50 discs	Oxacillin, 5 µg (OX-5)





231566	50 discs	Oxolinic Acid, 2 µg (OA-2)
231342	10 x 50 discs	Oxytetracycline, 30 µg (T-30)
291285	10 x 50 discs	Penicillin, 1 µg (P-1)
295340	10 x 50 discs	Penicillin, 1.5 µg (P-1.5)
231321	10 x 50 discs	Penicillin, 10 µg (P-10)
231320	10 x 50 discs	Penicillin, 2 µg (P-2)
231692	10 x 50 discs	Piperacillin 100 µg + Tazobactam 10 µg (PIP-100/TAZ-10)
291423	10 x 50 discs	Piperacillin 75 µg + Tazobactam 10 µg (PIP-75/TAZ-10)
231609	10 x 50 discs	Piperacillin, 100 µg (PIP-100)
254832	50 discs	Piperacillin, 30 µg (PIP-30)
291286	10 x 50 discs	Piperacillin, 75 µg (PIP-75)
231324	10 x 50 discs	Polymyxin B, 300 µg (PB-300)
254828	50 discs	Polymyxin B, 300 µg (PB-300)
231720	50 discs	Quinupristin/Dalfopristin (Synercid) 15 µg (SYN 15)
291287	10 x 50 discs	Rifampicin, 2 µg (Ra-2)
231544	10 x 50 discs	Rifampin, 5 µg (RA-5)
231637	10 x 50 discs	Spectinomycin, 100 µg (SPT-100)
231328	10 x 50 discs	Streptomycin, 10 µg (S-10)
231570	50 discs	Streptomycin, 50 µg (S-50)
231694	50 discs	Streptomycin, 300 µg (S-300)
231331	10 x 50 discs	Sulfadiazine, 0.25 µg (SD-0.25)
291311	10 x 50 discs	Teicoplanin, 30 µg (TEC-30)
291034	50 discs	Temocillin, 30 µg (TEM-30)
291292	10 x 50 discs	Tetracycline, 10 µg (TE-10)
231344	10 x 50 discs	Tetracycline, 30 µg (TE-30)
231343	10 x 50 discs	Tetracycline, 5 µg (TE-5)
231649	10 x 50 discs	Ticarcillin with Clavulanic Acid (Timentin), 85 µg (TIM-85)
231619	10 x 50 discs	Ticarcillin, 75 µg (TIC-75)
232208	10 x 50 discs	Tigecycline, 15 µg (TGC-15)
232087	50 discs	Tigecycline, 15 µg (TGC-15)
231569	10 x 50 discs	Tobramycin, 10 µg (NN-10)
254815	50 discs	Tobramycin, 10 µg (NN-10)
254816	50 discs	Tobramycin, 30 µg (NN-30)
231539	10 x 50 discs	Trimethoprim 1.25 µg + Sulfamethoxazol 23.75 µg (SXT)
296398	10 x 50 discs	Trimethoprim, 1.25 µg (TR-1.25)
291037	10 x 50 discs	Trimethoprim, 2.5 µg (TR-2.5)
231601	10 x 50 discs	Trimethoprim, 5 µg (TMP-5)
231353	10 x 50 discs	Vancomycin, 30 µg (VA-30)
231352	10 x 50 discs	Vancomycin, 5 µg (VA-5)

# Molecular Diagnostics



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# Molecular Diagnostics & Womens' Health



## Thrush and Bacterial Vaginosis Testing

### BD Affirm™ VP III Consumables

PRODUCT CODE	SIZE	DESCRIPTION
446252	24 tests	BD Affirm™ VP III - Microbial Identification Kit
		The BD Affirm™ VP III Microbial Identification Test is a DNA probe-based test for the simultaneous, differential detection and identification of <i>Candida</i> spp., <i>Gardnerella vaginalis</i> , and <i>Trichomonas vaginalis</i> .
446250	24 sets	BD Affirm™ VP III - Sample Collection Sets
446251	100	BD Affirm™ VP III - Bulk Sample Collection Swabs
446255	100	BD Affirm™ VP III - Ambient Temperature Transport System

## Chlamydia and Gonorrhoea Testing

### BD ProbeTec™ Instrument

PRODUCT CODE	SIZE	DESCRIPTION
440478	1	BD ProbeTec™ ET - Instrument
		The BD ProbeTec™ ET System is a real-time DNA amplification assay for the detection of <i>Chlamydia trachomatis</i> (CT), <i>Neisseria gonorrhoeae</i> (GC), mycobacteria (TB), and atypical pneumonia (AP). The BD ProbeTec™ instrument performs simultaneous amplification and detection in a real time, one-hour assay format that enhances efficiency by enabling multiple instrument runs per shift. SDA takes place in sealed amplification microwells to prevent amplicon contamination. The system is capable of performing up to 96 reactions simultaneously (including positive and negative controls). Results are reported as positive, negative, or indeterminate. Daily maintenance is less than five minutes for the complete system. LIS connectivity and barcode accession support save time and eliminate errors.

### BD ProbeTec™ Instrument Accessories

PRODUCT CODE	SIZE	DESCRIPTION
440482	1	BD ProbeTec™ ET - Lysing Heater (220V)
		Warming block for lysing of probes during sample processing.
441333	1	BD ProbeTec™ BD Viper™ Digital Thermometer + Probe
		Thermometer for the lysing block.
440502	1	BD ProbeTec™ ET - Lysing Rack for 96 sample tubes
		Heat-safe metal rack for securely holding the sample tubes during sample preparation and processing, including lysing samples on the lysing heater and allowing tubes to cool.

440479	1	BD ProbeTec™ ET - Priming and Warming Heater (220V)	The BD ProbeTec™ ET Priming and Warming Heater is a double warming block with separately controlled temperature settings for the priming wells and the amplification wells.
440487	1	BD ProbeTec™ ET - Pipettor	Programmable and automated 8-channel pipettor for the transfer of samples among sample tubes, priming wells, and amplification wells during sample processing.
440492	2	BD ProbeTec™ ET - Pipettor Rechargeable Batteries	Rechargeable batteries for the BD ProbeTec™ ET pipettor.
440495	1	BD ProbeTec™ ET - Pipettor Stand	Metal holder for the pipettor.
440693	1	BD ProbeTec™ ET - Oven Filter	For TB assays only. The BD ProbeTec™ ET Oven Filter filters air that comes out of the oven.
440488	1	Pipettor Power Supply (UK)	Power supply for ProbeTec Pipettor
441048	1	ProbeTec™ Decapper Tool	An attachment for an electric screwdriver for uncapping ProbeTec™ tubes.



## BD ProbeTec™ CT / GC Sample Collection

PRODUCT CODE	SIZE	DESCRIPTION
220142	100 pcs.	BD ProbeTec™ ET - Collection Kit for Endocervical Specimens "Female Wet Swab"  Kit consists of a sterile cleaning swab, a sterile collection swab and a CT/GC Diluent tube for specimen transport. The large rayon-tipped cleaning swab is provided to clean the cervix of blood and mucus prior to collection. The smaller polyurethane-tipped swab on a plastic shaft is used to collect the specimen for testing.
220143	100 pcs.	BD ProbeTec™ ET - Collection Kit for Male Urethral Specimens "Male Wet Swab"  Kit consists of a sterile swab and a CT/GC Diluent tube for specimen transport. The rayon tipped collection swab consists of a flexible aluminium wire in a plastic shaft. After the specimen is collected, the swab is placed into the CT/GC Diluent tube and the shaft is broken at the score mark. The tube is recapped and transported to the testing facility.
440476	100 pcs.	BD ProbeTec™ Culturette™ Direct - Female Dry Swab  Used for the sample collection and transport of endocervical specimens. Each BD Culturette™ Direct Cleaning-Collection and Transport System contains cleaning swabs, collection swabs, and collection tubes (100 of each). Endocervical Specimen Collection and Dry Transport System– Pink Cap (female).
440461	100 pcs.	BD ProbeTec™ Mini-Tip BD Culturette™ Direct - Male Dry Swab  Swabs used for the sample collection and transport of urethral specimens from male patients. Urethral Specimen Collection and Dry Transport System – Blue Cap (male).
440928	100	BD ProbeTec™ Urine Preservative Transport Kit  The BD ProbeTec™ Urine Preservative Transport Kit with NAP Guard™ technology is designed to preserve and transport <i>Chlamydia trachomatis</i> and <i>Neisseria gonorrhoeae</i> in male and female urine specimens from symptomatic and asymptomatic individuals prior to processing for analysis with the BD ProbeTec™ ET <i>C. trachomatis</i> (CT) and <i>N. gonorrhoeae</i> (GC) Amplified DNA Assays.





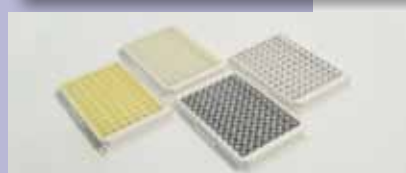
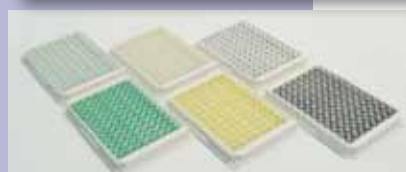
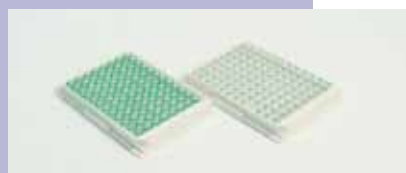
## BD ProbeTec™ Reagents for CT / GC Assays

The BD ProbeTec™ ET *Chlamydia trachomatis* (CT) / *Neisseria gonorrhoeae* (GC) Amplified DNA Assays, when tested with the BD ProbeTec™ ET system, use Strand Displacement Amplification (SDA) technology for the direct, qualitative detection of *Chlamydia trachomatis* and *Neisseria gonorrhoeae* DNA in endocervical swabs, male urethral swabs, and female and male urine specimens as evidence of infection with *C. trachomatis*, *Neisseria gonorrhoeae*, or co-infection with both pathogens. Specimens may be from symptomatic and asymptomatic females for the CT assay and GC assay, from symptomatic or asymptomatic males for the CT assay, and from symptomatic males for the GC assay. Kits are available with Amplification Controls for inhibition testing. The kits contain material for 384 tests.

PRODUCT CODE	SIZE	DESCRIPTION
440704	384 tests	BD ProbeTec™ ET - CT Reagent Pack (without AC)  BD ProbeTec™ ET <i>Chlamydia trachomatis</i> (CT) reagent pack without amplification control.
440705	384 tests	BD ProbeTec™ ET - CT/GC Reagent Pack (without AC)  BD ProbeTec™ ET <i>Chlamydia trachomatis</i> (CT) / <i>Neisseria gonorrhoeae</i> (GC) reagent pack without amplification control.
440474	384 tests	BD ProbeTec™ ET - CT/AC Reagent Pack  BD ProbeTec™ ET <i>Chlamydia trachomatis</i> (CT) with amplification control (AC) reagent pack.
440450	384 tests	BD ProbeTec™ ET - CT/GC/AC Reagent Pack  BD ProbeTec™ ET <i>Chlamydia trachomatis</i> (CT) / <i>Neisseria gonorrhoeae</i> (GC) Amplified DNA Assays with Amplification Control (AC) reagent pack.
441123	384 tests	BD ProbeTec™ ET - GC/AC Reagent Pack  BD ProbeTec™ ET <i>Neisseria gonorrhoeae</i> (GC) with Amplification Control (AC) reagent pack.
440451	20 tests	BD ProbeTec™ ET - CT/GC Control Set  <i>Chlamydia trachomatis</i> (CT)/ <i>Neisseria gonorrhoeae</i> (GC) Control Set. Contains a positive and negative control to be included in each test run. Each kit contains reagents for 20 test runs, 20 positive and 20 negative.

## BD ProbeTec™ Accessories for CT / GC Assays

PRODUCT CODE	SIZE	DESCRIPTION
440452	400 x 2 ml	BD ProbeTec™ ET - Swab Sample Diluent (CT/GC)  Transport tubes for collected specimens, either by the Mini-tip BD Culturette™ Direct or the BD Culturette™ Direct Cleaning-Collection and Transport System, that are pre-filled with 2 ml Sample Diluent. These tubes are intended for use with the CT or CT/GC Assays.
440453	4 bottles	BD ProbeTec™ ET - Diluent (CT/GC)  Used for resuspension of the pelleted specimen before lysis and for resuspension of positive and negative controls. Each kit contains 4 bottles (225 ml a piece).
440455	400 pcs.	BD ProbeTec™ ET - Sample Tubes and Caps (4 ml)  4 ml Sample Tubes and Caps that are used for the preparation of urine specimens for the BD ProbeTec™ ET Assay.
440456	400 pcs.	BD ProbeTec™ ET - Sample Tube Caps (4 ml)  Replacement caps for the BD ProbeTec™ ET Sample Tubes.
440457	1 kit	BD ProbeTec™ ET - Accessories Kit  The CT/GC Accessories Kit contains priming plate covers, amplification plate sealers and disposal bags (20 of each per kit).
440458	720 tips	BD ProbeTec™ ET - Pipette Tips  Sterile aerosol resistant pipette tips for the BD ProbeTec™ ET Pipettor. Total of 720 tips (6 racks of 120).





## BD ProbeTec™ ET Consumables for TB Assays

PRODUCT CODE	SIZE	DESCRIPTION
440610	96 tests	<b>BD ProbeTec™ - (DTB) Direct Detection Reagent Pack</b>  The BD ProbeTec™ ET <i>Mycobacterium tuberculosis</i> Complex (DTB) Direct Detection Reagent Pack, for use with the BD ProbeTec™ ET system, utilises Strand Displacement Amplification (SDA) technology for the direct qualitative detection of <i>Mycobacterium tuberculosis</i> complex DNA from decontaminated, digested clinical respiratory samples such as sputa, induced sputa, bronchial washings and other respiratory specimens. It is to be used as a direct test for evaluating specimens from untreated patients that are suspected of having tuberculosis. Untreated patients are those who have not received anti-tuberculosis therapy or received such therapy in the last 12 months or had less than 7 days of therapy. The Pack contains 96 tests and also includes priming plate covers, amplification plate sealers and disposal bags.
440621	24 tests	<b>BD ProbeTec™ - (CTB) Culture Confirmation Reagent Pack</b>  The BD ProbeTec™ ET <i>Mycobacterium tuberculosis</i> Complex (ctb) culture Identification Test, for use with the BD ProbeTec™ ET system, utilises Strand Displacement Amplification (SDA) technology for the identification of <i>Mycobacterium tuberculosis</i> complex DNA from solid or liquid cultures. Pack also includes priming plate covers, amplification plate sealers and disposal bags.
440631	20 controls	<b>BD ProbeTec™ - (DTB) Direct Detection Control Set</b>  Includes 20 positive and 20 negative controls used with the BD ProbeTec™ ET <i>Mycobacterium tuberculosis</i> Complex (DTB) Direct Detection Reagent Test. One positive and one negative control must be included in each run.
440635	20 controls	<b>BD ProbeTec™ - (CTB, KAN) Control Set</b>  Includes 20 positive and 20 negative controls used with the BD ProbeTec™ ET (CTB) and (KAN) Culture Identification Tests. One positive and one negative control must be included in each run.
440636	1 kit	<b>BD ProbeTec™ - (CTB, KAN) Specimen Processing Kit</b>  Contains buffer solutions for the preparation of 100 solid or 200 liquid specimens. 1 bottle each of MCI wash buffer, MCI lysis buffer and MCI neutralisation buffer is included.
440643	1 kit	<b>BD ProbeTec™ - (DTB) Direct Detection Specimen Processing Kit</b>  Contains buffer solutions for the preparation of 200 specimens. 1 bottle each of DTB wash buffer, DTB lysis buffer and DTB neutralisation buffer is included.
440661	200 units	<b>BD ProbeTec™ ET - Sample Tubes and Caps (2 ml)</b>  Aerosol resistant tubes for mycobacteria testing with the (DTB), (CTB), (KAN) and (MAC) Reagent Packs for the BD ProbeTec™ ET system. Contains 200 tubes and 200 caps with a special rubber sealing.
440679	200 units	<b>BD ProbeTec™ ET - Sample Tube Caps (2 ml)</b>  Additional caps with a special rubber sealing for the 2 ml Tubes (cat. no. 440661) used for mycobacteria testing.

# BD Viper™



## BD Viper™ XTR System

PRODUCT CODE	SIZE	DESCRIPTION
440740	1	Viper™ XTR Instrument

The BD Viper™ System with XTR™ Technology and BD ProbeTec™ Q<sup>x</sup> chemistry offers fully automated, walk-away testing for *C. trachomatis* and *N. gonorrhoea*. Primary patient samples are loaded onto the system and the BD Viper™ System completes all processing up to result reporting. Incorporating pierceable caps, ready to use reagents, automated pipetting, automated BD Fox™ DNA extraction, Strand Displacement Amplification and connectivity to the Laboratory Information System, the BD Viper™ System eliminates virtually all manual steps and repetitive movements for dramatic reduction in labour, errors and time to result. Industrial class robotic automation, liquid level sensing and Extraction Control for every single reaction ensure consistent quality and confidence of results.

## BD Viper™ XTR Sample Collection

PRODUCT CODE	SIZE	DESCRIPTION
441362	100	Urine Preservative Transport for CT/GC Q <sup>x</sup> Amplified DNA Assays

The Urine Preservative Transport for the BD ProbeTec™ Q<sup>x</sup> Amplified DNA Assays (Q<sup>x</sup> UPT) is designed to preserve and transport Chlamydia trachomatis and Neisseria gonorrhoeae in male and female urine specimens from symptomatic and asymptomatic individuals prior to processing for analysis with the BD ProbeTec™ CT Q<sup>x</sup> and GC Q<sup>x</sup> Amplified DNA Assays on the BD Viper™ System in Extracted Mode.

| 441122 | 100 | Vaginal Specimen Transport for CT/GC Q<sup>x</sup> Amplified DNA Assays |

The Vaginal Specimen Transport for the BD ProbeTec™ CT/GC Q<sup>x</sup> Amplified DNA Assays offers a convenient way to collect and transport specimens from the patient to the laboratory. It is intended to be used for patient collection of vaginal swab specimens in a clinical setting according to the instructions provided. This transport system is for use with the BD ProbeTec™ CT/GC Q<sup>x</sup> Amplified DNA Assays on the BD Viper™ System in Extracted Mode. Patient-collected vaginal swab specimens are an option for screening women when a pelvic exam is not otherwise indicated. The Vaginal Specimen Transport for the BD ProbeTec™ CT/GC Q<sup>x</sup> Amplified DNA Assays is not for home use.

| 441357 | 100 | Female Endocervical Specimen Collection Kit for CT/GC Q<sup>x</sup> Amplified DNA Assays |

The Female Endocervical Specimen Collection Kit for the BD ProbeTec™ CT/GC Q<sup>x</sup> Amplified DNA Assays is used to collect and transport patient endocervical specimens to the laboratory for testing with the BD ProbeTec™ CT/GC Q<sup>x</sup> Amplified DNA Assays on the BD Viper™ System in Extracted Mode.

| 441358 | 100 | Male Urethral Specimen Collection Kit for CT/GC Q<sup>x</sup> Amplified DNA Assays |

The Male Urethral Specimen Collection Kit for the BD ProbeTec™ CT/GC Q<sup>x</sup> Amplified DNA Assays is used to collect and transport male patient urethral specimens to the laboratory for testing with the BD ProbeTec™ CT/GC Q<sup>x</sup> Amplified DNA Assays on the BD Viper™ System in Extracted Mode.



## BD Viper™ XTR Assay Reagents

PRODUCT CODE	SIZE	DESCRIPTION
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441126	1152 tests	BD ProbeTec™ CT Q <sup>x</sup> Amplified DNA Assay Reagent Pack
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The BD ProbeTec™ CT Q<sup>x</sup> Amplified DNA Assay, when tested with the BD Viper™ System in Extracted Mode, uses Strand Displacement Amplification technology for the direct, qualitative detection of *Chlamydia trachomatis* DNA in clinician-collected female endocervical and male urethral swab specimens, patient-collected vaginal swab specimens (in a clinical setting), and male and female urine specimens. The assay is indicated for use with asymptomatic and symptomatic individuals to aid in the diagnosis of chlamydial urogenital disease.

441124	1152 tests	BD ProbeTec™ GC Q <sup>x</sup> Amplified DNA Assay Reagent Pack
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The BD ProbeTec™ GC Q<sup>x</sup> Amplified DNA Assay, when tested with the BD Viper™ System in Extracted Mode, uses Strand Displacement Amplification technology for the direct, qualitative detection of *Neisseria gonorrhoeae* DNA in clinician-collected female endocervical and male urethral swab specimens, patient-collected vaginal swab specimens (in a clinical setting), and male and female urine specimens. The assay is indicated for use with asymptomatic and symptomatic female individuals and symptomatic male individuals to aid in the diagnosis of gonococcal urogenital disease.

441125	1 kit	Control Set for CT/GC Q <sup>x</sup> Amplified DNA Assays
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*Chlamydia trachomatis* (CT)/*Neisseria gonorrhoeae* (GC) Control Set. Contains a positive and negative control to be included in each test run. Each kit contains 24 positive and 24 negative controls (sufficient for 12 full runs).

## BD Viper™ Accessories

PRODUCT CODE	SIZE	DESCRIPTION
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441361	48 tubes	Swab Diluent for CT/GC Q <sup>x</sup> Amplified DNA Assays
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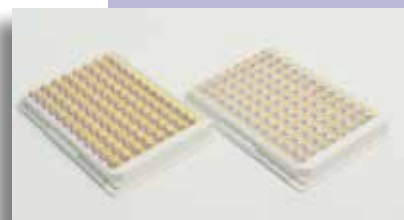
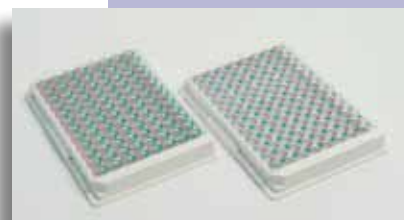
Each Swab Diluent tube contains 2 ml of sample diluent and is intended to be used for the expression of Vaginal Specimen Transport (441122).

441129	384 tubes	Extraction Tubes for CT/GC Q <sup>x</sup> Amplified DNA Assays
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The BD Fox™ Extraction Tubes contain a dissolvable Iron oxide strip and an extraction control and are intended to be used with the BD ProbeTec™ CT/GC Q<sup>x</sup> Amplified DNA Assays on the BD Viper™ System in Extracted Mode.

441128	12	Extraction Reagents and Lysis Trough for CT/GC Q <sup>x</sup> Amplified DNA Assays
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The Extraction Reagent and Lysis Trough are intended to be used with the BD ProbeTec™ CT/GC Q<sup>x</sup> Amplified DNA Assays on the BD Viper™ System in Extracted Mode. Each Reagent and Lysis trough comes with a disposal bag and absorbent pad.



## BD Viper™ Accessories, cont.

PRODUCT CODE	SIZE	DESCRIPTION
441354	12	BD Viper™ XTR Neutralisation Pouch Kit  The BD Viper™ Neutralization Pouch contains sufficient buffering capacity to neutralise the acids and bases discarded during the sample extraction.
440457	1 Kit	BD Viper™ Accessories Kit  The BD Viper™ Accessories Kit contains clear plate sealers for the Priming Plates and Disposal bags for the safe disposal of both the Priming and Amplification plates.
441360	400	Specimen Tubes and Pierceable Caps  Specimen Tubes with Pierceable Caps for the processing of NEAT urine samples on the BD Viper™ System in Extracted Mode.
441359	400	Pierceable Caps  Replacement Pierceable Caps for use on the BD Viper™ System in Extracted Mode.
440984	480	Black Amplification Plate Sealers  Black Amplification Plate sealers for use on the BD Viper™ System.
440752	8	Blank Microwells  Blank microwells for use on the BD Viper™ System.
440724	960	BD Viper™ Pipette Tips - Case (10 boxes; 96 tips/box)  Disposable pipette tips used by the BD Viper™ System for the processing of samples in the amplified DNA assays.
440725	10	BD Viper™ Trash Box  Cardboard trash boxes used with the Viper™ system for the collection of solid waste (used tips).
440726	10	BD Viper™ Trash Bags  Plastic bags used with the Viper™ system and placed in the Viper™ trash box for the collection of solid waste (used tips).
441074	1	BD Viper™ Plate Seal Tool  Tool utilised by the Viper™ system for the automatic sealing of the amplification plate. The tool should be replaced during each monthly maintenance.
440976	1	BD Viper™ Lysing Heater (230V)  The BD Viper™ Lysing Heater is used for the pre-warming of patient samples prior to running on the BD Viper™ System.
441091	1	BD Viper™ XTR Instrument Manual  The BD Viper™ Neutralisation Pouch contains sufficient buffering capacity to neutralise the acids and bases discarded during the sample extraction.
441444	48 tubes	LBC Dilution Tubes for CT/GC Q <sup>x</sup> Amplified DNA Assays
441443	4 x 100	LBC Dilution Tubes Caps for CT/GC Q <sup>x</sup> Amplified DNA Assay
441853	1	ProbeTec™ Q <sup>x</sup> Accessory Kit



# BD TriPath Cervical Cytology



## **Cytology Sample Preparation**

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# BD TriPath Cervical Cytology

## Cytology Sample Preparation

### BD SurePath™ LBC Kit for PrepStain™ System



PRODUCT CODE	SIZE	DESCRIPTION
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490523	480 tests	BD SurePath™ GYN Test Kit Lab Pack for BD PrepStain™ System
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The BD SurePath™ liquid-based Pap test is an FDA approved thin-layer cell preparation process intended for use in the screening and detection of cervical cancer, pre-cancerous lesions, atypical cells and all other cytologic categories as defined by The Bethesda System for Reporting Cervical/Vaginal Cytologic Diagnoses.

Kit contains:

- 5 x 96 Aspirator Tips
- 1 x 480 Centrifuge Tubes
- 4 x 480 Density Reagent Bottles
- 5 x 96 Disposable Transfer Tips
- 2 x 240 BD PrepMate™ Syringes
- 2 x 240 Settling Chambers
- 8 x 60 BD SurePath™ PreCoat Slides

490527	20 x 25 vials	BD SurePath™ Vials
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490536	2 bottles	BD PrepStain™ Cytology Stain Kit
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Kit contains:

- 1 x 480 ml EA/OG Stain
- 1 x 480 ml Hematoxylin Stain 0.75

### BD SurePath™ LBC Kit for Manual Method

*The BD SurePath™ liquid-based Pap test is an FDA approved thin-layer cell preparation process intended for use in the screening and detection of cervical cancer, pre-cancerous lesions, atypical cells and all other cytologic categories as defined by The Bethesda System for Reporting Cervical/Vaginal Cytologic Diagnoses.*

PRODUCT CODE	SIZE	DESCRIPTION
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490529	480 tests	Manual Method BD SurePath™ GYN Test Kit for BD PrepMate™ System
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Kit contains:

- 5 x 96 Aspirator Tips
- 1 x 480 Centrifuge Tubes
- 4 x 480 ml Density Reagent
- 2 x 240 BD PrepMate™ Syringes
- 2 x 240 Settling Chambers
- 8 x 60 BD SurePath™ PreCoat Slides
- 1 x 500 BD SurePath™ Vials

490530	480 tests	Manual Method BD SurePath™ GYN Test Kit
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Kit contains:

- 1 x 480 Centrifuge Tubes
- 4 x 480 ml Density Reagent
- 4 x 240 Settling Chambers
- 8 x 60 BD SurePath™ PreCoat Slides
- 1 x 500 BD SurePath™ Vials



## BD CytoRich™ Non-Gyn LBC Kits

BD CytoRich™ Preservative is an ethanol based fixative system that is used to collect, preserve, hemolyse, transport and transfer cytology specimens to a glass slide. Suitable for washings, brushings (and other abrasive collection methods), body fluids (hypercellular, hypocellular, bloody or neat), sputums, aspiration and biopsies.

PRODUCT CODE	SIZE	DESCRIPTION
490533	480 tests	<p>Non-Gyn Blue Test Kit for BD PrepStain™ System</p> <p>The BD CytoRich™ Blue Preservative is a general purpose cell preservative, excellent for urine and non-haemolytic samples. It is recommended for use as a general cytology preservative.</p> <p>Kit contains:</p> <ul style="list-style-type: none"> <li>1 x 480 Centrifuge Tubes</li> <li>2 x 3600 ml BD CytoRich™ Blue Preservative</li> <li>5 x 96 Disposable Transfer Tips</li> <li>1 x 480 ml EA/OG Stain</li> <li>1 x 480 ml Hematoxylin Stain 0.5</li> <li>8 x 60 BD SurePath™ PreCoat Slides</li> <li>2 x 240 Settling Chambers</li> </ul>
490534	480 tests	<p>Non-Gyn Red Test Kit for BD PrepStain™ System</p> <p>The BD CytoRich™ Red Preservative solubilises protein and lyses red blood cells. It is excellent for fine needle aspirations and general non-gyn cell preservation, providing extended sample stability.</p> <p>Kit contains:</p> <ul style="list-style-type: none"> <li>1 x 480 Centrifuge Tubes</li> <li>2 x 3600 ml BD CytoRich™ Blue Preservative</li> <li>5 x 96 Disposable Transfer Tips</li> <li>1 x 480 ml EA/OG Stain</li> <li>1 x 480 ml Hematoxylin Stain 0.5</li> <li>8 x 60 BD SurePath™ PreCoat Slides</li> <li>2 x 240 Settling Chambers</li> </ul>

## BD ProEx™ C Immunocytochemical Test Kit

PRODUCT CODE	SIZE	DESCRIPTION
490500	75 tests*	<p>BD SurePath™ LBC with ProEx™ C Immunocytochemical Test Kit (Part 1)</p> <p>BD ProEx™ C is a highly sensitive and specific biomarker reagent used with standard immunocytochemistry (ICC) techniques to detect the presence of Aberrant S-Phase induction in routinely collected cytology specimens. Catalogue numbers 490512 &amp; 490535 are required for use with this kit. *The number of tests will vary based on the type of immuno-stainer that is used.</p> <p>Kit Contains:</p> <ul style="list-style-type: none"> <li>1 x 18 ml Bluing Agent</li> <li>1 x 18 ml Hematoxylin, Mayer's</li> </ul>
490501	75 tests*	<p>BD SurePath™ LBC with ProEx™ C Immunocytochemical Test Kit (Part 2)</p> <p>Catalogue numbers 490512 &amp; 490535 are required for use with this kit. *The number of tests will vary based on the type of immuno-stainer that is used.</p> <p>Kit Contains:</p> <ul style="list-style-type: none"> <li>1 x 1 ml DAB</li> <li>1 x 18 ml DAB Substrate Buffer</li> <li>1 x 15 ml Mouse Probe</li> <li>1 x 15 ml Peroxidase Block</li> <li>1 x 15 ml Polymer Reagent</li> <li>1 x 15 ml BD ProEx™ C Ab Cocktail</li> <li>1 x 15 ml Protein Block</li> </ul>



## BD ProEx™ C Immunocytochemical Test Kit, cont.

PRODUCT CODE	SIZE	DESCRIPTION
490503	8 ml	BD SureDetect™ SiHa Cell Control Reagent for 75 control slides
490512	500 ml	BD SureDetect™ Slide Preparation Buffer 10 X Buffer for 600 slides. For use with BD SurePath™ LBC with ProEx™ C Immunocytochemical Test Kits (Cat. No. 490500 & 490501)
490535	96 tests	BD SureDetect™ Slide Preparation Kit For use with BD SurePath™ LBC with ProEx™ C Immunocytochemical Test Kits (Cat. No. 490500 & 490501) Kit contains: 2 x 60 BD SurePath™ PreCoat Slides 1 x 96 Settling Chambers 1 x 96 Disposable Transfer Tips

## BD ProEx™ C Reagent for Histology

PRODUCT CODE	SIZE	DESCRIPTION
490502	7 ml	BD ProEx™ C Ab Cocktail The number of tests will vary based on the type of immuno-stainer used. With one vial of 7 ml, most commercial stainers allow you to perform 25 - 35 tests.

## BD SurePath™ Reagents and Disposables

PRODUCT CODE	SIZE	DESCRIPTION
490505	100	BD SurePath™ Preservative Vial Cap
490506	3600 ml	Alcohol Blend Rinse
490507	3600 ml	BD SurePath™ Preservative
490508	3600 ml	BD CytoRich™ Red Preservative Fluid
490509	3600 ml	BD CytoRich™ Blue Preservative Fluid
490510	1 x 96	Easy Aspirator Tips (box of 96 tips)
490511	60 slides	BD SurePath™ PreCoat slides
490513	1 x 96	Disposable Transfer Tips
490514	1 x 96	Centrifuge Tubes
490517	1 x 240	Centrifuge Tubes
490518	1	Buffered TRIS (to prepare 18 L)
490521	480 ml	BD PrepStain™ Density Reagent
490522	25 vials	BD SurePath™ Vials
490527	500 vials	BD SurePath™ Vials
50CR000025	1 x 88	Vial Packaging, Clam Shell

## BD SurePath™ Reagents and Disposables, cont...

PRODUCT CODE	SIZE	DESCRIPTION
490535	96 tests	BD SureDetect™ Slide Preparation Kit  Kit contains: 2 x 60 BD SurePath™ PreCoat slides 1 x 96 Settling Chambers 1 x 96 Disposable Transfer Tips
490536	2 bottles	GYN Cytology Stain Kit  Kit contains: 1 x 480 ml EA/OG Stain 1 x 480 ml Hematoxylin Stain 0.75
490537	2 bottles	Non-GYN Stain Kit  Kit contains: 1 x 480 ml EA/OG Stain 1 x 480 ml Hematoxylin Stain 0.5

## Cytology Slide Preparation

### BD PrepStain™ Slide Processor & Manual Systems

The PrepStain™ System is a liquid-based thin layer cell preparation process. The PrepStain™ System produces SurePath™ slides that are intended as replacements for conventional gynecologic Pap smears. SurePath™ slides are intended for use in the screening and detection of cervical cancer, pre-cancerous lesions, atypical cells and all other cytologic categories as defined by The Bethesda System for Reporting Cervical/Vaginal Cytologic Diagnoses.

\*These systems consist of multiple catalogue numbers so please contact your local sales representative for ordering information.

PRODUCT CODE	SIZE	DESCRIPTION
Enquire*		BD PrepStain™ Slide Processor System with Centrifuge  Complete system for automated slide preparation.
Enquire*		BD PrepStain™ Slide Processor System without Centrifuge  System for automated slide preparation, without a centrifuge.
Enquire*		BD PrepStain™ Manual Method System with Centrifuge  System for manual slide preparation, including centrifuge.
Enquire*		BD PrepStain™ Manual Method System without Centrifuge  System for manual slide preparation, without a centrifuge.



## Cytology Screening

### BD FocalPoint™ Imaging System

The BD FocalPoint™ is an automated cervical cytology screening device intended for use in initial screening of cervical cytology slides. The BD FocalPoint™ identifies up to 25% of successfully processed slides as requiring no further review. The BD FocalPoint™ also identifies at least 15% of all successfully processed slides for a second manual review.

\*These systems consist of multiple catalogue numbers so please contact your local sales representative for ordering information.

PRODUCT CODE	SIZE	DESCRIPTION
Enquire*		BD FocalPoint™ Slide Profiler  Complete system for slide imaging.
Enquire*		BD FocalPoint™ Review Station  Microscope, computer, monitor, printer and accessories.



# BD MAX™ System

Fully automated bench-top system for molecular diagnostics



## Maximising workflow efficiency in your laboratory

The BD MAX™ System for molecular diagnostics is the next generation platform which fully automates cell lysis, nucleic acid extraction, PCR set-up, amplification and detection.

### **Scalable:**

- One platform offering cost effective molecular testing for low and high volumes

### **Flexible:**

- Multiple specimen types and assays run simultaneously
- Open system for laboratory developed tests

### **Efficient:**

- Runs of 24 for maximum efficiency plus on-demand capability
- Reduced labour can result in lower operating costs
- 1 to 24 samples per run; up to 144 samples per shift
- 1 to 4 samples under 45 minutes for on-demand testing needs
- Unitised reagent strips

# BD GeneOhm Rapid Nucleic Acid Based Diagnostics



## **BD GeneOhm™ Rapid HCAI Testing**

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# BD GeneOhm Rapid Nucleic Acid Based Diagnostics



## BD GeneOhm™ Rapid HCAI Testing

### MRSA Testing

PRODUCT CODE	SIZE	DESCRIPTION
441242	200 tests	BD GeneOhm™ MRSA Assay
441244	48 tests	BD GeneOhm™ MRSA assay is a qualitative <i>in vitro</i> diagnostic test for the direct detection of nasal colonisation by methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) to aid in the prevention and control of MRSA infections in healthcare settings. The test performed on the Smart Cycler® instrument with a nasal swab specimen from patients at risk for colonisation, utilises polymerase chain reaction (PCR) for the amplification of MRSA DNA and fluorogenic target-specific hybridisation probes for the detection of the amplified DNA.
441639	200 tests	BD GeneOhm™ MRSA ACP Assay
441638	100 tests	Rapid molecular assay for MRSA, as above. The BD GeneOhm™ MRSA ACP assay simplifies assay workflow by incorporating enzymatic achromopeptidase (ACP) lysis technology which results in 15% reduction in workflow steps and 50% reduction in hands-on time, compared to the BD GeneOhm™ MRSA assay.
441637	48 tests	

### MRSA/MSSA Testing

PRODUCT CODE	SIZE	DESCRIPTION
441253	200 tests	BD GeneOhm™ StaphSR Assay
441252	48 tests	The BD GeneOhm™ StaphSR Assay is a qualitative <i>in vitro</i> diagnostic test for the rapid detection of <i>Staphylococcus aureus</i> (SA) and methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) directly from positive blood culture, nasal and wound specimens. The assay utilises polymerase chain reaction (PCR) for the amplification of specific targets and fluorogenic target-specific hybridisation probes for the real-time detection of the amplified DNA.

### Clostridium difficile testing

PRODUCT CODE	SIZE	DESCRIPTION
441400	48 tests	BD GeneOhm™ Cdiff Assay
		The BD GeneOhm™ Cdiff Assay is the only CDI diagnostic test that combines high assay sensitivity with a rapid turnaround time of less than two hours, facilitating earlier appropriate treatment of patients suffering from CDI and earlier implementation of infection control interventions to prevent transmission of <i>Clostridium difficile</i> to other patients.



## Vancomycin-resistant Enterococci (VRE)

PRODUCT CODE	SIZE	DESCRIPTION
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441250	48 tests	BD GeneOhm™ VanR Assay
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The BD GeneOhm™ VanR assay is a qualitative *in vitro* polymerase chain reaction (PCR) test for the detection of vancomycin-resistant genes associated with vancomycin-resistant enterococci (VRE), directly from perianal and rectal swabs.



## StrepB Testing

PRODUCT CODE	SIZE	DESCRIPTION
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441240	50 tests	BD GeneOhm™ StrepB Assay
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BD GeneOhm™ StrepB assay is a qualitative *in vitro* diagnostic test for the rapid detection of Group B streptococcus (GBS) DNA in vaginal/rectal specimens from prepartum or intrapartum women. The test performed on the Smart Cycler® automated analyser utilises polymerase chain reaction (PCR) for the amplification of a *cfb* gene sequence of GBS recovered from clinical samples and fluorogenic target-specific hybridisation for the detection of the amplified DNA. BD GeneOhm™ StrepB assay can be used to establish GBS colonisation status of prepartum and intrapartum women.

## Lysis Kits

PRODUCT CODE	SIZE	DESCRIPTION
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441243	100 reactions	BD GeneOhm™ Lysis Kit
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BD GeneOhm™ Lysis kit is for the rapid lysis of cells and spores from different sample types. For use with all BD GeneOhm™ assays except the BD GeneOhm™ MRSA ACP assay.

441638	100 reactions	BD GeneOhm™ MRSA ACP Lysis Kit
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Lysis kit for the BD GeneOhm™ MRSA ACP assay

## BD MAX™ System & GBS Assay

### BD MAX™ System

PRODUCT CODE	SIZE	DESCRIPTION
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Enquire	1	BD MAX™ Instrument
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Benchtop instrument offering cost effective molecular testing for low and high volumes. Open system for laboratory developed tests. Its flexibility allows multiple specimen types and assays to be run simultaneously.

441772	24 tests	BD MAX™ GBS Assay - Reagents
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The BD MAX™ GBS assay on the BD MAX™ System is the only fully automated polymerase chain reaction method for the detection of Group B Streptococcus (GBS) from vaginal/rectal swabs after Lim broth selective enrichment.

441770	288 tests	BD MAX™ Microfluidic PCR cartridges
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Each PCR cartridge can perform 12 test. Contains 24 cartridges.



# BD BACTEC™ MGIT™ 320

## Mycobacteria Culture System



### The gold standard - in smaller capacity

- Uses the same BD BACTEC™ MGIT™ media and reagents
- Utilises the sensitive fluorescence technology based on O<sub>2</sub> quenching that has proven performance in the BD BACTEC™ MGIT™ 960 System
- Holds 320 tubes for an annual capacity of approximately 2700 specimens per year
- Flexible configuration as bench top or stand-mounted for optimal use of valuable lab space
- The World Health Organisation (WHO) has recently recommended the use of mycobacterial liquid culture and drug susceptibility testing. With increased sensitivity and reduced delays, liquid systems may contribute significantly to improved patient management<sup>1</sup>
- The BD BACTEC™ MGIT™ 320 System will make this technology more readily available globally in an effort to help reduce TB deaths and decrease transmission rates in high-risk areas.

# Mycobacteria Testing Systems



## **BD BACTEC™ MGIT™ Automated Mycobacteria Testing**

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## **MTB Complex/Non-MTB Complex Assay**

TBc Identification Test	152
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# Mycobacteria Testing Systems



## BD BACTEC™ MGIT™ Automated Mycobacteria Testing

### BD BACTEC™ MGIT™ Instruments & Accessories

PRODUCT CODE	SIZE	DESCRIPTION
445870	1	BD BACTEC™ MGIT™ 960 - Mycobacterial Detection Instrument
<p>The BD BACTEC™ MGIT™ 960 Instrument is a nonradiometric and fully automated system for the rapid detection of mycobacteria in clinical specimens other than blood. The BD BACTEC™ MGIT™ 960 is also used for the antimicrobial susceptibility testing of mycobacteria, including SIRE and PZA susceptibility testing. The instrument has a maximum capacity of 960 BBL™ MGIT™ tubes (7 ml), or with a 42-day detection protocol, approximately 8000 specimens per year. The BD BACTEC™ MGIT™ 960 System, in conjunction with the BD EpiCenter™ Data Management System, allows for long-term data storage and historical trending as well as a bidirectional interface with a LIS. This enables long-term tracking of individual TB patients, infection control and epidemiology analysis.</p>		
Enquire	1	BD BACTEC™ MGIT™ 320 - Mycobacterial Detection Instrument
<p>BD's newest automated mycobacterial detection instrument, for lower volume laboratories. Same simplicity and ease of use, minimal hands-on time and simple 4-step workflow. Holds 320 tubes for an annual capacity of approximately 2700 specimens per year. Offers optimal use of valuable laboratory space and a flexible configuration as bench-top or stand-mounted.</p>		
445871	17 vials	BD BACTEC™ MGIT™ 960 - Calibrators Kit
445999	51 vials	16 vials are sufficient for 1 drawer.

### BD BACTEC™ MGIT™ Tubes & Supplement

PRODUCT CODE	SIZE	DESCRIPTION
245122	100 tubes	BD BACTEC™ MGIT™ 960 - Tubes 7 ml
<p>The BACTEC™ MGIT™ Tube is intended for the detection and recovery of mycobacteria using the BD BACTEC™ MGIT™ 960 system. Each plastic tube has a screw-top cap and contains 7 ml of modified Middlebrook 7H9 Broth base, which is supplemented with BD BACTEC™ MGIT™ Growth Supplement (Cat. No. 245124). Acceptable specimen types are digested and decontaminated clinical specimens (except urine) and sterile body fluids (except blood). Additionally, these tubes can also be used for antimicrobial susceptibility testing of mycobacteria, including SIRE and PZA testing. BD BBL™ MGIT™ tubes should be stored between 2-25° C.</p>		
245124	1 kit	BD BACTEC™ MGIT™ 960 - Supplement Kit
<p>The kit includes 6 vials of lyophilised BBL™ MGIT™ PANTA™ Antibiotic Mixture and 6 vials of 15 ml BD BACTEC™ MGIT™ 960 Growth Supplement. The BD BACTEC™ MGIT™ Growth Supplement contains Middlebrook OADC enrichment (Oleic acid, Bovine albumin, Dextrose, Catalase and Polyoxyethylene stearate [POES]). The BBL™ MGIT™ PANTA™ Antibiotic Mixture contains Polymyxin B, Amphotericin B, Nalidixic acid, Trimethoprim and Azlocillin. The Supplement Kit should be stored between 2-25° C and is sufficient for approximately 100 tests.</p>		

## BD BACTEC™ MGIT™ AST Accessories

PRODUCT CODE	SIZE	DESCRIPTION
445941	1 kit	BD BACTEC™ MGIT™ 960 - AST Starter Kit <ul style="list-style-type: none"> <li>Includes:</li> <li>• User Manual</li> <li>• Quick reference guide</li> <li>• 2 x Transport rack</li> <li>• 16 x 5-tube AST Set carrier</li> <li>• 16 x 2-tube AST Set carrier</li> <li>• 3 x 3-tube AST Set carrier</li> <li>• 3 x 4-tube AST Set carrier and</li> <li>• 3 x 8-tube AST Set carrier</li> </ul>
445943	3 pack	BD BACTEC™ MGIT™ 960 - AST Carrier Sets (5-tube)
445944	3 pack	BD BACTEC™ MGIT™ 960 - AST Carrier Sets (4-tube)
445945	3 pack	BD BACTEC™ MGIT™ 960 - AST Carrier Sets (3-tube)
445946	3 pack	BD BACTEC™ MGIT™ 960 - AST Carrier Sets (2-tube)
445993	3 pack	BD BACTEC™ MGIT™ 960 - AST Carrier Sets (8-tube)
445942	1	BD BACTEC™ MGIT™ 960 - AST Transport Rack





## BD BACTEC™ MGIT™ AST Drugs, Media & Kits

PRODUCT CODE	SIZE	DESCRIPTION
442187	50	Myco/F-Sputa Medium  MYCO/F-Sputa culture media with the addition of BACTEC™ Supplement/F and BACTEC™ PANTA™/F antibiotic mixture, when appropriate, is used with the BACTEC™ Brand 9000MB fluorescent series instrument as a qualitative procedure for the <i>in vitro</i> culture and recovery of mycobacteria. Acceptable specimens to be used are digested decontaminated clinical specimens and sterile body fluids other than blood.
442188	10	PANTA™/F (50 tests)  BACTEC™ PANTA™/F Antimicrobial Supplement is recommended as an addition to BACTEC™ MYCO/F-Sputa Medium for the primary isolation of mycobacteria from clinical specimens. PANTA™/F suppresses the normal flora associated with digested and decontaminated specimens. Principal use is with the BACTEC™ brand 9000MB instrument.
442189	10	Supplement/F (50 tests)  BACTEC™ Supplement/F Media Supplement is a required supplement to MYCO/F-Sputa Medium for the recovery of mycobacteria. In addition, it is used to reconstitute PANTA™/F Antimicrobial Supplement. Principal use is with MYCO/F- Sputa Medium and with the BACTEC™ brand 9000MB instrument.
444764	1	PANTA™ Plus (250 tests)  BACTEC™ PANTA™ PLUS is an antimicrobial supplement composed of BACTEC™ PANTA™ Supplement and BACTEC™ Reconstituting Fluid. Principal use is with the BACTEC™ 460TB System instrument. BACTEC™ PANTA™ Supplement is recommended as an addition to BACTEC™ 12B Medium during the primary isolation of mycobacteria and direct drug susceptibility testing from clinical specimens. BACTEC™ PANTA™ Supplement suppresses the normal flora associated with the digested and decontaminated clinical specimens.
245115	25 tubes	BD BACTEC™ MGIT™ 960 - PZA Medium  The BD BACTEC™ MGIT™ 960 PZA Medium is a tube containing modified Middlebrook 7H9 Broth with a reduced pH of 5.9 and is to be used for susceptibility testing of <i>Mycobacterium tuberculosis</i> .
245123	1 kit	BD BACTEC™ MGIT™ 960 - SIRE Kit  The BD BACTEC™ MGIT™ 960 SIRE Kit is a rapid qualitative procedure for susceptibility testing of <i>Mycobacterium tuberculosis</i> , from culture, to streptomycin (STR), isoniazid (INH), rifampin (RIF) and ethambutol (EMB). Carton of 4 lyophilised drug vials, and 8 SIRE Supplements.
245125	1 kit	BD BACTEC™ MGIT™ 960 - STR 4.0 Kit  The STR (Streptomycin) 4.0 Test Kit is intended for the susceptibility testing of <i>M. tuberculosis</i> to MOP (Method of Proportion) high concentration of streptomycin (4.0 µg/ml). Carton of 1 lyophilised drug vial and 2 SIRE Supplements.
245126	1 kit	BD BACTEC™ MGIT™ 960 - INH 0.4 Kit  The INH (Isoniazid) 0.4 Test Kit is intended for the susceptibility testing of <i>M. tuberculosis</i> to MOP (Method of Proportion) high concentration of isoniazid (0.4 µg/ml). Carton of 1 lyophilised drug vial and 2 SIRE supplements.
245127	1 kit	BD BACTEC™ MGIT™ 960 - EMB 7.5 Kit  The EMB (Ethambutol) 7.5 Test Kit is intended for the susceptibility testing of <i>M. tuberculosis</i> to MOP (Method of Proportion) high concentration of ethambutol (7.5 µg/ml). Carton of 1 lyophilised drug vial and 2 SIRE supplements.
245128	1 kit	BD BACTEC™ MGIT™ 960 - PZA Kit  The BD BACTEC™ MGIT™ 960 PZA Kit is used for susceptibility testing of <i>Mycobacterium tuberculosis</i> in culture to pyrazinamide (PZA) in a qualitative test lasting 4-17 days. The Kit contains 2 vials of lyophilised antimicrobial and 6 vials of SIRE Supplement. PZA must be reconstituted with 2.5 ml of sterile/deionized water before addition to BBL™ MGIT™ tubes. Carton of 2 lyophilised vials and 6 PZA Supplements, sufficient for 50 tests.





# BD Manual Mycobacteria Testing

## BD MicroMGIT Fluorescence Reader & Calibrator

PRODUCT CODE	SIZE	DESCRIPTION
445923	1	MicroMGIT Fluorescence Reader  The BD BACTEC™ MicroMGIT Fluorescence Reader is used for the qualitative reading of fluorescence in Manual MGIT™ Tubes (4 ml). The reader has a standard 9 volt battery, a low voltage indicator, and dimensions of 9.2 cm x 14.5 cm x 12.0 cm (W x D x H). A calibration tube is included.
441049	1	MicroMGIT Calibrator  Used for calibration of the BD BACTEC™ - MicroMGIT Fluorescence Reader (Cat. No. 445923).

## Manual MGIT™ Tubes & Supplements

PRODUCT CODE	SIZE	DESCRIPTION
245111	25 tubes	BD MGIT™ - Tubes (manual, 4 ml)
245113	100 tubes	The MGIT™ Mycobacteria Growth Indicator Tubes contain 4 ml of Middlebrook 7H9 Broth base with a fluorescent indicator and is intended for the manual detection and recovery of mycobacteria. The broth is contained in a plastic tube with screw-top cap and supplemented with BD MGIT™ OADC enrichment (Cat. No. 245116) and BD MGIT™ PANTA™ antibiotic mixture (Cat. No. 245114). Acceptable specimen types are digested and decontaminated clinical specimens (except urine) and sterile body fluids (except blood). A culture-positive sample is identified by the observation of non-homogenous turbidity or fluorescence, the latter of which is observed using a 365 nm UV transilluminator, a longwave UV light (Wood's lamp) or the BD MicroMGIT Reader.
245114	6 vials	BD MGIT™ - PANTA™ Antibiotic Mixture  The BD MGIT™ PANTA™ Antibiotic Mixture suppresses growth of contaminating or normal flora, enhancing growth and detection of mycobacteria in BD MGIT™ Tubes. Each vial contains a lyophilised antibiotic mixture of polymyxin B, amphotericin B, nalidixic acid, trimethoprim and azlocillin. Carton of 6 vials, each vial sufficient for 25 BD MGIT™ tubes.
245116	6 vials	BD MGIT™ - OADC Enrichment  The BD MGIT™ OADC enrichment provides substances essential for the rapid growth of mycobacteria in BD MGIT™ 4 ml Tubes. OADC stands for oleic acid, albumin, dextrose and catalase. 6 ready to use vials containing 15 ml each, sufficient for 25 BD MGIT™ tubes.



## BD MycoPrep™ Mycobacteria Specimen Digestion & Decontamination

PRODUCT CODE	SIZE	DESCRIPTION
240862	10 x 75 ml	BD MycoPrep™ - Specimen Digestion/Decontamination Kit
240863	10 x 150 ml	This kit contains reagents necessary for the preparation of respiratory and non-respiratory (blood excluded) specimens for identification of mycobacteria. The kit includes bottles of NaOH-citrate solution (containing a plastic ampule with NALC) and powdered phosphate buffer. After activation of the NALC ampule, the NALC-NaOH mixture is stable for 24 hours. This kit should be stored at room temperature. <ul style="list-style-type: none"> <li>• Cat. No. 240862 contains 5 packages of powdered phosphate buffer (pH 6.8)</li> <li>• Cat. No. 240863 contains 10 packages of powdered phosphate buffer (pH 6.8)</li> </ul>





## BD BBL™ & BD Difco™ DCM & Enrichments for Mycobacteria Testing

PRODUCT CODE	SIZE	DESCRIPTION
212203	500 g	Middlebrook 7H11 Agar Base  Used in qualitative procedures for isolation and cultivation of mycobacteria, especially <i>Mycobacterium tuberculosis</i> , from clinical and non-clinical specimens. Middlebrook OADC Enrichment (Cat. Nos. 211886 or 212240 or 212351) and glycerol must be added to the agar base before use.
262710	500 g	Middlebrook 7H10 Agar  Used for the isolation, cultivation and susceptibility testing of mycobacteria. Middlebrook OADC Enrichment (Cat. Nos. 211886 or 212240 or 212351) and glycerol must be added; the complete prepared plated medium (with OADC) is available under Cat. No. 254520, Middlebrook and Cohn 7H10 Agar (see prepared media section below).
271310	500 g	Middlebrook 7H9 Broth  For cultivation of mycobacteria and preparation of tubercle emulsion for susceptibility testing.

## BD BBL™ Prepared Media (PPMs & Tubes) for Mycobacteria Testing

PRODUCT CODE	SIZE	DESCRIPTION
221387	10 slants	Lowenstein-Jensen Medium
221388	100 slants	For Semi-Qualitative Catalase Test. Lowenstein-Jensen Medium Deeps contain an enriched eggbased medium and are used for the cultivation of mycobacteria, including <i>Mycobacterium tuberculosis</i> . Deeps are tubes of hardened agar medium which are inoculated by "stabbing" the inoculum into the agar. Used for for Semi-Qualitative Catalase Test. 221387 & 221388 are small-size slants. 220908 & 220909 are large-size slants.
221257	10 deeps	
220908	10 slants	
220909	100 slants	
221832	10 x 5 ml	Middlebrook 7H9 Broth with Glycerol  Middlebrook 7H9 Broth with Glycerol is a non-selective liquid culture medium for the cultivation of mycobacteria, including <i>M. tuberculosis</i> . It is used primarily for growth of pure cultures of mycobacteria for use in laboratory studies. Prepared tubes, 5 ml.
221870	10	Seven H11 Agar (Deep Fill) Plates  Used in qualitative procedures for isolation and cultivation of mycobacteria, especially <i>Mycobacterium tuberculosis</i> , from clinical and non-clinical specimens. Prepared Plates, Deep Fill.
254520	20	Middlebrook and Cohn 7H10 Agar Plates  Middlebrook 7H10 Agar contains a variety of inorganic salts which provide substances essential for the growth of mycobacteria. The sodium citrate, when converted to citric acid, holds certain inorganic cations in solution. Glycerol is an abundant source of carbon and energy. Oleic acid, as well as other long chain fatty acids, can be utilised by tubercle bacilli and plays an important role in the metabolism of mycobacteria. Catalase destroys toxic peroxides that may be present in the medium. The primary effect of albumin is that of protection of the tubercle bacilli against toxic agents, therefore enhancing their recovery by primary isolation. Partial inhibition of bacteria is achieved by the presence of the malachite green dye.
254521	120	
298292	100	Middlebrook 7H10/7H11 Selective Agar Biplates  Used in qualitative procedures for isolation and cultivation of mycobacteria, especially <i>Mycobacterium tuberculosis</i> , from clinical and non-clinical specimens. These bi-plates provide two media, one moderately selective and one highly selective, for the recovery of mycobacteria from specimens containing mixed flora. The Middlebrook 7H10 Agar is contained in the sector differentiated by the Roman numeral "I" moulded into the bottom of the sector. The 7H11 Selective Agar is contained in the sector marked "II".



## BD Taxo™ Identification & Differentiation of Mycobacteria

**PRODUCT CODE**      **SIZE**      **DESCRIPTION**

231735      50 discs      BD Taxo™ - TB Niacin Test Control

BD Taxo™ TB Niacin Test Controls are impregnated with nicotinamide and give a positive reaction when tested with a TB Niacin Test Strip. For use with BD Taxo™ TB Niacin Test Strips (Cat. No. 231741). Contains 50 discs per hand-dispensing cartridge, sufficient for 50 tests.

231736      50 discs      BD Taxo™ - INH Test Control

The BD Taxo™ INH Test Control is an impregnated disc that will yield a positive result in the test procedure. For use with Cat. No. 231743. White, ¼" paper disks with "I" over "C", sufficient for 50 tests.

231741      25 strips      BD Taxo™ - TB Niacin Test Strips

BD Taxo™ TB Niacin Test Strips assist in the detection of mycobacteria by detecting niacin in culture medium. All mycobacteria produce nicotinic acid, or niacin, which accumulates in culture medium and can be detected using these strips. When BD Taxo™ TB Niacin Test Strips turn yellow, the culture is mycobacteria positive and when no colour appears, the culture is negative. Contains 1 vial with 25 strips, sufficient for 25 tests.

231742      25 strips      BD Taxo™ - Nitrite Test Strips

BD Taxo™ Nitrite Test Strips are used for differentiation of microorganisms (particularly mycobacteria) based on the reduction of nitrates to nitrites. The nitrate reduction test separates slow growing mycobacteria that are nitrate-positive (e.g., *M. tuberculosis*, *M. kansasii* and *M. fortuitum*) from rapid growers that are negative or only weakly positive (e.g., *M. bovis*, *M. avium* complex and *M. intracellulare*). The presence of the enzyme nitrate reductase is detected by appearance of a blue-coloured end product on the strip, indicating a positive reaction. Sufficient for 25 tests.

231743      25 strips      BD Taxo™ - INH Test Strips

BD Taxo™ INH Test Strips are used for the detection of isoniazid (INH) and its metabolites in urine. When INH or its metabolites are present in a urine sample, contact with the BD Taxo™ INH strip will change the strip colour to green, blue or purple. This strip is a modification of Kilburn and Kubica's procedure for detecting niacin produced by *M. tuberculosis*. White paper strips encased in a plastic tube. Arrows are imprinted on both sides. Sufficient for 25 tests; storage should be at 2-8° C.



## BD Mycobacteria Specimen Collection, Processing & Staining

### BD BBL™ Accessories & Supplies for Acid-Fast Procedures

**PRODUCT CODE**      **SIZE**      **DESCRIPTION**

231391      50 pcs.      Acid Fast Bacilli (AFB) Quality Control Slide

The BD BBL™ Acid fast Bacilli (AFB) QC Slides are conventional 1" x 3" microscope slides imprinted with two circles. One circle is an acid-fast positive control with *Staphylococcus aureus* and *Bacillus subtilis* plus inactivated *Mycobacterium tuberculosis* H37Ra. The other circle is a negative control with an unstained mixture of non-acid-fast cocci (*Staphylococcus aureus*) and bacilli (*Bacillus subtilis*). AFB Slides, individually wrapped, sufficient for 50 tests.





## BD Kinyoun (cold) Acid-Fast Procedure

PRODUCT CODE	SIZE	DESCRIPTION
212518	4 x 250 ml	TB Carbofuchsin KF Individual component of the TB Stain Kit K (Cat. No. 212522) for staining mycobacteria by the Kinyoun (cold) acid-fast procedure.
212522	1 kit	TB Stain Kit K For staining mycobacteria by the Kinyoun (cold) acid-fast procedure. Each kit contains 1 bottle (250 ml) each of <ul style="list-style-type: none"> <li>• TB Carbofuchsin KF</li> <li>• TB Decolouriser</li> <li>• TB Brilliant Green K</li> </ul>
212523	4 x 250 ml	TB Brilliant Green K Individual component of the TB Stain Kit K (Cat. No. 212522) for staining mycobacteria by the Kinyoun (cold) acid-fast procedures. May be used also for staining mycobacterial by the Ziehl-Neelsen (hot) acid-fast procedures.

## BD TB Fluorescent Stain Kits

PRODUCT CODE	SIZE	DESCRIPTION
212519	1 kit	TB Fluorescent Stain Kit M For staining mycobacteria by the Morse, Blair, Weiser and Sproat fluorescent procedure. Each kit contains 1 bottle (250 ml) each of <ul style="list-style-type: none"> <li>• TB Auramine M</li> <li>• TB Decolouriser TM</li> <li>• TB Potassium Permanganate</li> </ul>

## BD Ziehl-Neelsen (hot) Acid-Fast Procedure

PRODUCT CODE	SIZE	DESCRIPTION
212516	4 x 250 ml	TB Methylene Blue Individual component of the TB Stain Kit ZN (Cat. No. 212520) for staining mycobacteria by the Ziehl-Neelsen (hot) acid-fast procedure. May also be used for staining mycobacteria by the Kinyoun (cold) acid-fast procedure.
212517	4 x 250 ml	TB Decolouriser Individual component of the TB Stain Kit ZN (Cat. No. 212520) and TB Stain Kit K (Cat. No. 212517) for staining mycobacteria by the Kinyoun (cold) and Ziehl-Neelsen (hot) acid-fast procedures.

## MTB Complex / Non-MTB Complex Assay

PRODUCT CODE	SIZE	DESCRIPTION
245159	25 tests	TBc Identification Test The BD MGIT™ TBc Identification Test (TBc ID) is a rapid chromatographic immunoassay for the qualitative detection of <i>Mycobacterium tuberculosis</i> complex (MTbc) antigen from AFB smear-positive BD MGIT™ tubes. The device will detect the following species of the MTbc: <i>M. tuberculosis</i> , <i>M. bovis</i> , <i>M. africanum</i> , and <i>M. microti</i> .



# Research & Veterinary Supplies



## **Intramedic™ PE Tubing and Adapters**

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## **Autoclip™ Wound Clip System**

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## **Cytological Fixative**

SprayCyte™ Cytological Fixative	155
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# Research & Veterinary Supplies

## Intramedic™ PE Tubing and Adapters

*Polyethylene tubing is flexible, but rigid enough for applications using vacuum and pressure. Polyethylene contains no additives or plasticisers. Nonsterile, nonradiopaque, and non-tissue-reactive. Waxy white, translucent, tasteless, odorless. Durable over a wide temperature range, up to 104°C (219°F).*

### Intramedic™ Polyethylene Tubing (Non-Sterile)\*

Product Code	Coil Length	Internal Diameter	External Diameter	Wall Thickness	Description
427401	100 feet	0.011 in	0.024 in	0.007 in	(PE 10) 100'
427406	100 feet	0.015 in	0.043 in	0.014 in	(PE 20) 100'
427411	100 feet	0.023 in	0.038 in	0.008 in	(PE 50) 100'
427416	100 feet	0.030 in	0.048 in	0.009 in	(PE 60) 100'
427421	100 feet	0.034 in	0.050 in	0.008 in	(PE 90) 100'
427426	100 feet	0.034 in	0.060 in	0.013 in	(PE 100) 100'
427431	100 feet	0.045 in	0.062 in	0.009 in	(PE 160) 100'
427436	100 feet	0.047 in	0.067 in	0.010 in	(PE 190) 100'
427400	10 feet	0.011 in	0.024 in	0.007 in	(PE 10) 10'
427405	10 feet	0.015 in	0.043 in	0.014 in	(PE 20) 10'
427410	10 feet	0.023 in	0.038 in	0.008 in	(PE 50) 10'
427415	10 feet	0.030 in	0.048 in	0.009 in	(PE 60) 10'
427420	10 feet	0.034 in	0.050 in	0.008 in	(PE 90) 10'
427425	10 feet	0.034 in	0.060 in	0.013 in	(PE 100) 10'
427430	10 feet	0.045 in	0.062 in	0.009 in	(PE 160) 10'
427435	10 feet	0.047 in	0.067 in	0.010 in	(PE 190) 10'
427440	10 feet	0.055 in	0.075 in	0.010 in	(PE 200) 10'
427445	10 feet	0.062 in	0.082 in	0.010 in	(PE 205) 10'
427450	10 feet	0.066 in	0.095 in	0.015 in	(PE 240) 10'

### Intramedic™ Polyethylene Tubing (Sterile)\*

Product Code	Coil Length	Internal Diameter	External Diameter	Wall Thickness	Description
427517	36 in	0.023 in	0.038 in	0.008 in	(PE 50) 36"
427519	36 in	0.034 in	0.050 in	0.008 in	(PE 90) 36"
427529	36 in	0.066 in	0.095 in	0.015 in	(PE 240) 36"
427519	12 in	0.023 in	0.038 in	0.008 in	(PE 50) 12"





## Intramedic™ Luer-Stub Adapters (Sterile)\*

Product Code	Size	Gauge	Fits Tubing Size	Description
427560	100	15-gauge	PE 240	Intramedic™ 15-gauge Luer-Stub Adapter
427561	100	16-gauge	PE 205	Intramedic™ 16-gauge Luer-Stub Adapter
427562	100	17-gauge	PE 200	Intramedic™ 17-gauge Luer-Stub Adapter
427563	100	18-gauge	PE 160 & 190	Intramedic™ 18-gauge Luer-Stub Adapter
427564	100	20-gauge	PE 90 & 100	Intramedic™ 20-gauge Luer-Stub Adapter
427565	100	23-gauge	PE 50	Intramedic™ 23-gauge Luer-Stub Adapter

## Autoclip™ Wound Clip System

*Rapid, simple method for wound closure, providing maximum hold with minimum trauma. Non-sterile but all parts may be autoclaved.*

### Autoclip™ Wound Clips, Applicators and Removers\*

PRODUCT CODE	SIZE	DESCRIPTION
427630	1	Autoclip™ Wound Clip Applicator Stainless steel applicator for 9 mm wound clips.
427637	1	Autoclip™ Wound Clip Remover Stainless steel remover for 9 mm wound clips.
427631	1000	Autoclip™ Wound Clips, 9 mm Stainless steel 9 mm wound clips.
427638	1	Autoclip™ Wound Clip Physician's Kit Contains wound clip applicator, wound clip remover and 100 9 mm wound clips.



## Cytological Fixative

### SprayCyte™ Cytological Fixative\*

PRODUCT CODE	SIZE	DESCRIPTION
427180	44 cc	SprayCyte™ Cytological Fixative 44 cc / 1.5 oz. For exfoliative cytology.

\* Please note these products are not CE-marked and therefore are sold for research and veterinary use ONLY. These products cannot be used for clinical or diagnostic purposes.

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# Becton Dickinson U.K. Limited General Conditions of Sale

## 1. Definitions

In these Conditions:

- 1.1 “**Company**” means Becton, Dickinson U.K. Limited.
- 1.2 “**Buyer**” means the person, firm, company or authority to which Goods are supplied subject to these Conditions.
- 1.3 “**Conditions**” means the terms and conditions set out below as amended from time to time.
- 1.4 “**Goods**” means the goods supplied by the Company to the Buyer subject to these Conditions.
- 1.5 “**Contract**” means any agreement for the purchase of Goods by the Buyer to which these Conditions relate.
- 1.6 “**Price List**” means the standard price list for the Goods issued by the Company from time to time as amended from time to time.

## 2. Existence of Contract

- 2.1 Subject to the terms of any other written agreement between the parties, whose terms are expressed to prevail in the event of conflict between its terms and the terms set out herein, these Conditions shall apply to and be incorporated in all contracts for the sale of Goods by the Company to the Buyer to the exclusion of all other terms and conditions including any terms and conditions which the Buyer may purport to apply under any purchase order or similar document or which could be implied by trade custom, practice or course of dealing.
- 2.2 All orders for Goods shall be deemed to be an offer by the Buyer to purchase Goods pursuant to these Conditions to the exclusion of all other terms and conditions and shall be subject to acceptance by the Company. Accordingly, no binding contract shall be created by the placing of any order by the Buyer unless and until the Company has dispatched the Goods to the Buyer.
- 2.3 Any variation to these Conditions (including any special terms agreed between the parties) shall be inapplicable unless agreed in writing by the Company.
- 2.4 No particulars, statements or descriptions, whether contained in any advertising matter, catalogues, brochures, price lists or otherwise provided by the Company concerning the Goods, nor any oral representations by any employee, agent or representative of the Company shall form part of the Contract or these Conditions or be treated as a representation on the part of the Company.

## 3. Cancellation

- 3.1 The Contract may not be cancelled by the Buyer except with the written consent of the Company.
- 3.2 The Company at its option may cancel the Contract by serving written notice to the Buyer in the event that:
  - (A) a petition is presented, order made, meeting convened, resolution passed or any step is taken by any person (including the Company) with a view to the winding up (whether solvent or insolvent) of the Buyer, or the Buyer ceases or threatens to cease to carry on all or a material part of its business, except for the purpose of and followed by a reconstruction, amalgamation, reorganisation, merger or consolidation on terms approved by the Company before that step is taken; or
  - (B) the Buyer stops or suspends or threatens to suspend payment of all or a material part of its debts, or is unable to pay its debts, or is deemed unable to do so under section 123 of the Insolvency Act 1986; or
  - (C) a petition for an administration order is presented or an application for an administration order is made, or an administrator is appointed or notice of intention to appoint an administrator is given, or any other step is taken by any person with a view to the administration of the Buyer under the Insolvency Act 1986 including the passing of any resolution by the director or shareholders of the Buyer approving the presentation of any such petition, the making of any such application or appointment of the giving of any such notice; or
  - (D) it becomes illegal under the laws of any applicable jurisdiction for the Company to supply the Goods to the Buyer.

## 4. Prices and Minimum Order Values

- 4.1 Prices, unless specified separately, will be those quoted in the Price List in force at the date that the relevant Goods are despatched and are subject to variation by the Company without notice prior to the despatch of the relevant Goods. Additional delivery charges are applicable for certain Goods or quantities of Goods.
- 4.2 Where the Buyer orders less than the minimum order quantity for any Goods specified in the Price List the Company may refuse to accept such order.

## 5. Payment

- 5.1 Unless otherwise agreed in writing between the parties, the price of the Goods shall be paid in cash on or before delivery.
- 5.2 Where the Company agrees in its sole discretion to supply the Goods on credit, the Goods shall be paid for not later than thirty (30) days from the date of invoice (“Due Date”). The Company reserves the right to close the account or withhold further supplies of Goods if a Buyer fails to settle the invoice by the Due Date, without prejudice to any existing rights the Company may have in respect of any such unpaid invoice.
- 5.3 Any credit terms or extension of credit allowed to the Buyer by the Company may be changed or withdrawn at any time.
- 5.4 If the Buyer defaults in the payment when due of any sum payable by it under the Contract, its liability shall be increased on such sum from the Due Date until the actual payment (both before and after judgement) at that annual rate which is the rate provided for under the Late Payment of Commercial Debts Act 1998 and all applicable subordinate legislation as amended from time to time. The Buyer will reimburse the Company for all costs and expenses (including legal costs) incurred in the collection of any overdue amount.
- 5.5 Time shall be of the essence of the Contract for the purposes of this Condition 5 only.
- 5.6 If in the opinion of the Company, the credit-worthiness of the Buyer deteriorates before delivery of the Goods, the Company may require full or partial payment of the Price prior to delivery of the Goods or the provision of security for payment by the Buyer in a form acceptable to the Company. The Company will notify the Buyer of this requirement.

## 6. Terms of despatch and delivery

- 6.1 Goods will be delivered CPT (as defined by Incoterms 2000) the address in the UK as notified to the Company on the purchase order or as notified to the Company by the

Buyer on the telephone when the Buyer places the order.

- 6.2 Times or dates quoted by the Company for delivery of the Goods are intended as estimates only and shall not be of the essence. The Company shall not be liable in any way for any direct or indirect loss, damage or expense (including loss of profits and liability to third parties) suffered or incurred by the Buyer as a consequence of any delay in delivery.
- 6.3 The Company reserves the right to deliver the Goods by instalments in any sequence and to tender a separate invoice in respect of each instalment. Where the Goods are delivered by instalments, the Contract shall become severable and each instalment shall be deemed to be the subject of a separate Contract. No default or failure by the Company in respect of one or more instalments shall entitle the Buyer to treat the Contract as repudiated or to damages.

## 7. Acceptance

- 7.1 On receipt of the Goods the Buyer shall immediately inspect and examine the Goods, and, within ten (10) days of delivery, shall give written notice of any alleged shortage, or alleged defect not apparent from the visual exterior examination, to the Company. The Buyer shall be deemed to have accepted the Goods if no such written notice is served on the Company within ten (10) days of the date of delivery.
- 7.2 After acceptance the Customer shall not be entitled to reject any Goods which are not in accordance with the Contract.
- 7.3 The Buyer shall permit the Company to inspect any Goods alleged to be defective or damaged or any cases or packing in any consignment where shortage is alleged to have occurred and, if so requested by the Company, shall return the same to the Company.
- 7.4 If the Buyer fails to comply in any respect with Condition 7.1 or 7.3, the Goods shall be conclusively presumed to be in accordance with the Contract and free from any defect or damage which would be apparent on a reasonable examination of the Goods and the Buyer shall be deemed to have accepted the Goods. If the Buyer, having complied with Condition 7.1 and 7.3, establishes to the Company's reasonable satisfaction that the Goods are not in accordance with the Contract or are defective, the Buyer's sole remedy in respect thereof shall be limited, as the Company may elect to making good any shortage, to replacing such Goods or refunding all, or part of, the Contract price against return of the Goods.

## 8. Return of Goods to the Company

- 8.1 Subject to Condition 7 above, no Goods delivered in accordance with the Contract will be accepted for return, unless accompanied by the Company's “Application for Customer Return of Product Form” available on request from the Company, and on terms to be determined at the absolute discretion of the Company.
- 8.2 Such Goods must be returned to the Company carriage-paid at the Company's instruction only and must be securely packed in their original shipping cartons. The transit risk in all Goods returned to the Company, other than collection by the Company's representative, shall be the Buyer's unless a carrier nominated by the Company for the purpose is used and unless on the day the Goods are despatched written notice is sent by post or handed to the Company's representative giving the Buyer's name and address, the number of packages, the contents of each package and, where applicable, the name and address of the carrier. Each package shall contain a clear indication of the Buyer's name and address and a list of the contents.
- 8.3 Where Goods are returned directly to the Company's representative, documentation must be supplied and receipted stating the Buyer's name, address, the date and details of the Goods returned.
- 8.4 Goods returned without the prior written approval of the Company may, at the Company's absolute discretion, be returned to the Buyer or retained at the Buyer's cost without prejudice to any rights or remedies the Company may have.

## 9. Property and risk

- 9.1 For the purposes of this Condition 9.1, “Delivery” shall take place when the Goods are delivered to the first carrier. Risk in the Goods shall pass to the Buyer on Delivery. Property and ownership in the Goods, notwithstanding delivery of the Goods to the Buyer, shall not pass from the Company until (a) the Buyer shall have paid the Company in full therefore pursuant to Condition 5; and (b) no other sums are then outstanding from the Buyer to the Company on any account whatever whether or not such sums have become due for payment.
- 9.2 While property in the Goods remains with the Company pursuant to this Condition, the Buyer shall hold the Goods on a fiduciary basis only and as bailee for the Company. The Buyer shall store the Goods separately from its own Goods and those of any other person in good condition and marked in such a way that they are clearly identifiable as the property of the Company and shall insure the Goods to their full value against “All Risks” to the reasonable satisfaction of the Company.
- 9.3 In the event that the Company is entitled to exercise any of its rights under Condition 10, any right of the Buyer to sell, dispose of, deal or in any way use Goods in which the property remains vested in the Company shall cease forthwith. The Buyer shall immediately place any of the Goods in its possession or under its control at the disposal of the Company and Company shall (without prejudice to any of its other rights and remedies) have the right to re-possess and use such Goods and may together with its servants or agents, enter upon any land or building, vehicle or vessel or other place upon which such Goods are reasonably thought to be situated for the purpose of removing any such Goods.
- 9.4 For the purpose of so taking possession the Buyer gives to the Company irrevocable authority to enter its premises without notice for the purpose of collecting and removing the Goods.
- 9.5 Notwithstanding the foregoing, the Buyer may (subject to Condition 10 below) sell the Goods in the ordinary course of its business, but may not otherwise deal with, sell, part with possession of, consume or otherwise dispose of the Goods until title to them has passed to the Buyer as aforesaid.
- 9.6 Any sale by the Buyer permitted by Condition 9.5 above shall, as between the Buyer and its customer, be effected by the Buyer as principal and not as agent, but as between the Buyer and the Company the Buyer shall have a fiduciary duty to account to the Company for the proceeds of any such sale up to the total amount outstanding to the Company as aforesaid, and pending such accounting shall hold the same on trust for the Company.

## 10. Default by the Buyer

- 10.1 In the event of any of the following:



- (A) the Buyer fails to pay for the Goods in accordance with Condition 5;
  - (B) the Buyer fails to pay any other debt due and payable to the Company;
  - (C) the Buyer commits a material breach of these Conditions or the Contract. For the avoidance of doubt, and without limitation, any breach of Conditions 5, 12 and 19.1 will be considered a material breach;
  - (D) if any distress or execution shall be levied upon any of the Buyer's goods;
  - (E) the Buyer offers to make any arrangement with or composition for the benefit of its creditors, any petition for the winding-up of the Buyer (being a limited company) is passed or represented (other than for the purpose of amalgamation or reconstruction) or (being an individual or partnership) commits an act of bankruptcy or bankruptcy proceedings are commenced or if a receiver or administrative receiver, administrator or manager is appointed over the whole or any part of the Buyer's business or if the Buyer shall suffer any analogous proceedings under foreign law; the provisions of Conditions 10.2 and 10.3 shall apply.
- 10.2 All sums outstanding in respect of Goods supplied by the Company (whether or not such sums have become due for payment), shall immediately become payable.
- 10.3 The Company may in its absolute discretion and without prejudice to any other rights which it may have:
- (A) suspend or cancel all future deliveries of Goods to the Buyer under any Contract and or terminate such Contracts without further notice and liability upon its part; and/or
  - (B) appropriate any payment made by the Buyer for such Goods (or goods supplied under any other Contract with the Buyer) as the Company may in its sole discretion think fit; and/or
  - (C) claim interest in accordance with Condition 5.4

## 11. Limitation of Liability

- 11.1 Subject to Condition 7.4, the provisions of this Condition 11 set out the entire liability of the Company (including any liability for the acts or omissions of its employees, agents and sub-contractors) to the Buyer in respect of:
- (A) any breach of the Contract or these Conditions, and
  - (B) any representation, statement or tortious act or omission including negligence arising under or in connection with the Contract or these Conditions.
- 11.2 Subject to Condition 11.5 below, the Company shall not be liable to the Buyer by reason of any representation or implied warranty, condition or other term or any duty of common law, or under the express terms of these Conditions or otherwise, for any loss of profit (whether direct or indirect loss), revenue, anticipated savings, goodwill or any type of special, indirect or consequential loss or damage (including business interruption), howsoever arising, or whether occasioned by the negligence of the Company, its employees, agents or sub-contractors.
- 11.3 Except as expressly stated in the Contract or in these Conditions, the Company does not give any representations, warranties or undertakings in relation to the Goods or in relation to the performance of its obligations under the Contract or these Conditions. Any representation, condition or warranty which might be implied or incorporated into the Contract or these Conditions by reason of statute, common law or otherwise is excluded to the fullest extent permitted by law.
- 11.4 Subject to Condition 11.5 the Company's total liability in contract, tort (including negligence or breach of statutory duty) misrepresentation or otherwise, arising in connection with the performance or contemplated performance of the Contract shall be limited to the Contract price.
- 11.5 Nothing in the Contract or these Conditions shall restrict or exclude the Company's liability:
- (A) under Part 1 of the Consumer Protection Act 1987;
  - (B) in respect of fraudulent misrepresentation;
  - (C) for death or personal injury caused by the Company's negligence or the negligence of its employees or sub-contractors;
  - (D) arising under Section 12 of the Sale of Goods Act 1979 or Section 2 of the Supply of Goods and Services Act 1982; or
  - (E) any other liability which may not be lawfully excluded or limited.
- 11.6 Each of the exclusions or limitations of liability in each of Conditions 11.1 to 11.5 shall be construed as a separate and independent exclusion. If any exclusion is found by a court or competent authority of any jurisdiction to be void or unenforceable:
- (A) the parties shall negotiate in good faith to replace such void or unenforceable exclusion with a valid exclusion which, as far as possible, has the same legal and commercial effect as that which it has replaced; and
  - (B) the legality, validity and enforceability of the remainder of these Conditions in that jurisdiction shall not be affected.

## 12. Trade Compliance

- 12.1 The Company and the Buyer agree to fully comply with all applicable laws, including but not limited to export control laws, governing trans-border sales, re-sales, shipments and transfers of Goods. The Company's obligation to supply Goods is contingent upon receiving any required governmental authorisations.
- 12.2 If a licence or consent of any government or other authority is required for the acquisition, or use of the Goods, the Buyer shall obtain the licence and consent at its own expense and if requested produce evidence of it to the Company on demand. Failure to obtain any licence or consent does not entitle the Buyer to withhold or delay any payment of the price of the Goods. Any additional expenses or charges incurred by the Company resulting from such failure shall be paid by the Buyer.

## 13. Set off and counterclaim

- 13.1 The Buyer shall not be entitled to withhold payment of any invoice after its Due Date by reason of any right of set off or counterclaim which the Buyer may have or allege to have against the Company or for any other reason whatsoever.
- 13.2 The Company shall be entitled to set off against monies it is owed by the Buyer for the supply of Goods any monies which the Company owes the Buyer.

## 14. Force Majeure

- 14.1 If delivery of any or all of the Goods is prevented or delayed by an event of Force Majeure (as defined below in Condition 14.2), the Company shall be entitled to cancel or suspend deliveries of the Goods without prejudice to its rights to payment for any Goods already delivered.
- 14.2 Force Majeure means any circumstances not within the reasonable control of the Company, including, without limitation to the generality of the foregoing, industrial action, war, governmental action or regulation, act of God, riots or non-availability of stocks or materials.
- 14.3 The Company shall not be liable for any loss or damage arising directly or indirectly through or in consequence of such Force Majeure.
- 14.4 Either party may terminate an affected Contract if an event of Force Majeure continues for a period of six (6) months.

## 15. Assignment

- 15.1 The Buyer may not assign, sub-contract or in any way dispose of its rights and obligations

under the Contract without the prior written consent of the Company.

## 16. Sub-contracting

- 16.1 The Company shall be entitled to carry out its obligations arising pursuant to these Conditions through any agents or sub-contractors appointed by it in its absolute discretion for that purpose.

## 17. Entire Agreement

- 17.1 Without prejudice to the generality of Condition 2:
- (A) These Conditions, together with any documents referred to in it, constitute the whole agreement between the parties relating to the subject matter and supersede and extinguish any prior drafts, agreements, undertakings, representations, warranties and arrangements of any nature, whether in writing or oral, relating to such subject matter.
  - (B) The Buyer acknowledges that it has not been induced to enter into the Contract by any representation or warranty other than those contained in these Conditions and, agrees that it shall have no remedy in respect of any other such representation or warranty except in the case of fraud.

## 18. Provisions relating to these Conditions

- 18.1 Any term of these Conditions which is or may be void or unenforceable shall to the extent of such invalidity or unenforceability be deemed severable and shall not affect any other provision hereof.
- 18.2 No waiver or forbearance by the Company, whether express or implied in enforcing any of its rights hereunder shall prejudice its right to do so in the future.
- 18.3 All Contracts shall be non-exclusive and shall not confer any distribution or agency rights unless otherwise specifically agreed in writing.

## 19. Intellectual Property

- 19.1 Unless otherwise agreed in writing all Goods shall be sold or re-sold only in the packages and packaging in which the Goods were supplied by the Company and in no case may any trade mark other than the trade mark carried by the Goods at the time of delivery be marked on or applied in relation to the Goods by the Buyer.
- 19.2 No right or licence is granted under the Contract to the Buyer under any patent, trade mark, copyright, registered design or other intellectual property right, except the right to use or re-sell the Goods.

## 20. Notices

- 20.1 Any notice required or permitted to be given by pursuant to these Conditions shall be in writing and served by 1st class post or by hand. The Buyer shall serve any such notice on the Company at the Company's registered office as detailed on invoices or such other address as the Company may from time to time notify to the Buyer. The Company may serve any such notice on the Buyer at the address notified to the Company or in default of notification to the address from which the Goods were ordered or if the Buyer is a company at the Buyer's registered office.
- 20.2 A properly addressed notice sent by 1st class post shall be deemed to have been given two days after the date of posting. A properly addressed notice served by hand shall be deemed to have been given upon delivery at the relevant address if it is delivered no later than 17.00 on a Business Day or if it is delivered later than 17.00 hours on a Business day or at any time on a day which is not a Business Day, at 08.00 hours on the next Business Day.

## 21. Relationship of the parties

- (A) Nothing in these Conditions shall constitute, or be deemed to constitute, a partnership between the parties nor, except as expressly provided, shall it constitute, or be deemed to constitute, any party the agent of any other party for any purpose.
- (B) Subject to any express provisions to the contrary in these Conditions, the Buyer shall have no right or authority to and shall not do any act, enter into any contract, make any representation, give any warranty, incur any liability, assume any obligation, whether express or implied, of any kind on behalf of the Company or bind the Company in any way.
- (C) Except as expressly provided for in the relevant Contract, nothing in these Conditions shall be construed as the Company granting the Buyer agency or distribution rights in respect of the sale or distribution of the Goods. For the avoidance of doubt, any sale of Goods as between the Buyer and a third party shall be effected by the Buyer as principal and not as agent or distributor of the Company and the Buyer shall not hold itself out as being an agent or distributor of the Company.

## 22. Third party rights

- 22.1 A person who is not a party to the Contract has no right under the Contracts (Rights of Third Parties) Act 1999 to enforce any term of the Contract or these Conditions.

## 23. Law and jurisdiction

- 23.1 These Conditions and all Contracts shall be governed by and construed in accordance with English law and subject to the non-exclusive jurisdiction of the English Courts.

## 24. Data Protection

- 24.1 The Company collects, uses and discloses personal data for purposes connected with the Contract, e.g. order handling, payments, etc.. Data may be collected from individuals or from other (e.g. published) sources. In order to operate effectively as a member of the global Becton, Dickinson and Company ("BD") group of companies, the Company may for these purposes transfer this data to any country worldwide in which BD's companies or third party providers that process data on our behalf (e.g. centralized data centres) do business, including the United States. Laws and practices relating to the protection of personal data may differ, and such laws may not offer the same level of protection outside the European Economic Area. By proceeding with the transaction Buyer agrees, in the exceptional cases where such consent is necessary, in its own right and on behalf of all of its employees, whom the Buyer shall duly inform, to this use, disclosure and transfer of personal data. Such persons have the right to access personal data that the Company holds and to update or amend any personal data. For further information, please contact the Company.

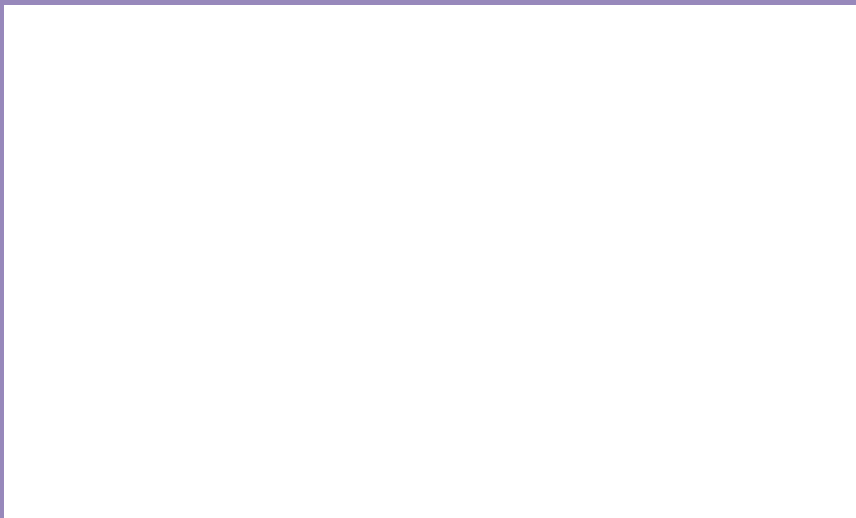
## Notes

This image shows a full page of a handwriting practice worksheet. It consists of approximately 20 horizontal rows. Each row is defined by two parallel dotted lines, creating a series of uniform gaps for letter height. The lines are evenly spaced across the entire page, providing a guide for consistent letter formation. There is no text or other markings on the page.

## Notes

This image shows a full page of white paper with horizontal dotted lines. The lines are evenly spaced and run across the width of the page, providing a guide for handwriting practice. There are no margins, text, or other markings on the page.

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