

# All the Microbial Taxa You Need to Identify

From the BBL® CRYSTAL™ ID System.

## Enteric/ Nonfermenter and Rapid Stool/Enteric ID Kits

*Acinetobacter baumannii*<sup>1</sup>  
*Acinetobacter lwoffii*<sup>1</sup>  
*Acinetobacter* species<sup>2</sup>  
*Aeromonas caviae*<sup>1</sup>  
*Aeromonas hydrophila*<sup>1</sup>  
*Aeromonas hydrophila*  
group<sup>2</sup>  
(includes *A. caviae*,  
*A. hydrophila* and  
*A. sobria*)  
*Aeromonas schubertii*<sup>2</sup>  
*Aeromonas sobria*<sup>1</sup>  
*Aeromonas veronii*  
*Agrobacterium tumefaciens*<sup>1</sup>  
*Brevundimonas diminuta*<sup>1</sup>  
*Brevundimonas vesicularis*<sup>1</sup>  
*Burkholderia cepacia*<sup>1</sup>  
*Burkholderia gladioli*<sup>1</sup>  
*Burkholderia pseudomallei*<sup>1</sup>  
*Cedecea davisae*  
*Cedecea lapagei*<sup>1</sup>  
*Cedecea neteri*<sup>1</sup>  
*Chromobacterium*  
*violaceum*<sup>1</sup>  
*Chryseobacterium gleum*<sup>1</sup>  
*Chryseobacterium*  
*indologenes*<sup>1</sup>  
*Chryseobacterium*  
*meningosepticum*<sup>1</sup>  
*Chryseomonas luteola*<sup>1</sup>  
*Citrobacter amalonaticus*  
*Citrobacter koseri*  
*Citrobacter freundii*  
*Edwardsiella hoshinae*  
*Edwardsiella tarda*  
*Empedobacter brevis*<sup>1</sup>  
*Enterobacter aerogenes*  
*Enterobacter asburiae*<sup>1</sup>  
*Enterobacter cancerogenus*  
*Enterobacter cloacae*  
*Enterobacter gergoviae*  
*Enterobacter sakazakii*<sup>1</sup>  
*Escherichia coli*  
*Escherichia coli* serotype  
O111  
*Escherichia coli* serotype  
O157  
*Escherichia coli* AD  
*Escherichia fergusonii*  
*Escherichia hermannii*  
*Escherichia vulneris*  
*Ewingella americana*<sup>1</sup>  
*Flavimonas oryzihabitans*<sup>1</sup>  
*Flavobacterium odoratum*<sup>1</sup>  
*Hafnia alvei*  
*Klebsiella ornithinolytica*<sup>1</sup>  
*Klebsiella oxytoca*  
*Klebsiella pneumoniae* ssp  
*ozaenae*

*Klebsiella pneumoniae* ssp  
*pneumoniae*  
*Klebsiella pneumoniae* ssp  
*rhinoscleromatis*  
*Kluyvera ascorbata*  
*Kluyvera cryocrescens*<sup>1</sup>  
*Leclercia adecarboxylata*  
*Moellerella wisconsinensis*  
*Morganella morganii*  
*Pantoea agglomerans*<sup>1</sup>  
*Pasteurella aerogenes*<sup>1</sup>  
*Pasteurella haemolytica*<sup>1</sup>  
*Pasteurella multocida*<sup>1</sup>  
*Photobacterium damsela*  
*Plesiomonas shigelloides*  
*Proteus mirabilis*  
*Proteus penneri*  
*Proteus vulgaris*  
*Providencia alcalifaciens*  
*Providencia rettgeri*  
*Providencia rustigianii*<sup>1</sup>  
*Providencia stuartii*  
*Pseudomonas aeruginosa*  
*Pseudomonas fluorescens*<sup>1</sup>  
*Pseudomonas putida*<sup>1</sup>  
*Pseudomonas stutzeri*<sup>1</sup>  
*Rahnella aquatilis*  
*Salmonella choleraesuis* ssp  
*arizonae*  
*Salmonella choleraesuis* ssp  
*choleraesuis*  
*Salmonella gallinarum*  
*Salmonella paratyphi* A  
*Salmonella* species  
*Salmonella typhi*  
*Serratia ficaria*<sup>1</sup>  
*Serratia fonticola*<sup>1</sup>  
*Serratia liquefaciens*  
*Serratia marcescens*  
*Serratia odorifera* 1  
*Serratia odorifera* 2  
*Serratia plymuthica*<sup>1</sup>  
*Serratia rubidaea*  
*Shewanella putrefaciens*  
*Shigella dysenteriae*  
*Shigella* species  
(includes *S. boydii* and  
*S. flexneri*)  
*Shigella sonnei*  
*Sphingobacterium*  
*multivorum*<sup>1</sup>  
*Sphingomonas paucimobilis*<sup>1</sup>  
*Stenotrophomonas*  
*maltophilia*  
*Tatumella ptyseos*<sup>1</sup>  
*Vibrio alginolyticus*<sup>1</sup>  
*Vibrio cholerae*  
*Vibrio fluvialis*  
*Vibrio hollisae*  
*Vibrio metschnikovii*<sup>1</sup>  
*Vibrio mimicus*  
*Vibrio parahaemolyticus*

*Vibrio vulnificus*  
*Weeksella virosa*/Bergeyella  
*zoohelcum*<sup>1</sup>  
*Yersinia enterocolitica* group  
(includes *Y. enterocolitica*,  
*Y. frederiksenii*,  
*Y. intermedia* and  
*Y. kristensenii*)  
*Yersinia pseudotuberculosis*  
*Yersinia pestis*<sup>1</sup>  
*Yokenella regensburgei*

## Miscellaneous gram-negative bacilli, including:

*Alcaligenes faecalis*  
*Alcaligenes piechaudii*  
*Alcaligenes xylosoxidans*  
ssp. *denitrificans*  
*Alcaligenes xylosoxidans*  
ssp. *xylosoxidans*  
*Bordetella bronchiseptica*  
*Burkholderia pickettii*  
CDC Group IV C-2  
*Comamonas acidovorans*  
*Comamonas testosteroni*  
*Eikenella corrodens*  
*Methylobacterium* species  
*Moraxella lacunata*  
*Moraxella osloensis*  
*Ochrobactrum anthropi*  
*Oligella urethralis*  
*Pseudomonas alcaligenes*  
*Pseudomonas fluorescens*  
*Pseudomonas mendocina*  
*Pseudomonas*  
*pseudoalcaligenes*  
*Pseudomonas putida*

## Anaerobe ID Kits

*Actinomyces bovis*  
*Actinomyces israelii*  
*Actinomyces meyeri*  
*Actinomyces naeslundii*  
*Actinomyces odontolyticus*  
*Actinomyces pyogenes*  
*Actinomyces viscosus*  
*Actinomyces israelii*  
*Actinomyces bovis*  
*Atopobium minutus*  
*Bacteroides caccae*  
*Bacteroides capillosus*  
*Bacteroides ureolyticus*  
*Bacteroides ovatus*  
*Bacteroides stercoris*  
*Bacteroides fragilis*  
*Bacteroides eggerthii*  
*Bacteroides distasonis* group<sup>5</sup>  
*Bacteroides thetaiotaomicron*  
*Bacteroides uniformis*  
*Bacteroides splanchnicus*  
*Bacteroides vulgatus*

*Bifidobacterium adolescentis*  
*Bifidobacterium* species  
*Bifidobacterium dentium*  
*Bilophila wadsworthia*  
*Campylobacter curvus/rectus*  
*Campylobacter gracilis*  
*Capnocytophaga* species  
*Clostridium limosum*  
*Clostridium paraputrificum*  
*Clostridium novyi* A  
*Clostridium perfringens*  
*Clostridium clostridioforme*  
*Clostridium difficile*  
*Clostridium glycolicum*  
*Clostridium hastiforme*  
*Clostridium histolyticum*  
*Clostridium tetani*  
*Clostridium subterminale*  
*Clostridium tertium*  
*Clostridium cadaveris*  
*Clostridium sporogenes*  
*Clostridium sphenoides*  
*Clostridium ramosum*  
*Clostridium septicum*  
*Clostridium sordellii*  
*Clostridium putrificum*<sup>3</sup>  
*Clostridium innocuum*  
*Clostridium baratii*  
*Clostridium beijerinckii*  
*Clostridium bifermentans*  
*Clostridium botulinum*  
*Clostridium butyricum*  
*Desulfomonas pigra*  
*Desulfovibrio* species  
*Eubacterium limosum*  
*Eubacterium lentum*  
*Eubacterium aerofaciens*  
*Fusobacterium mortiferum*  
*Fusobacterium russii*  
*Fusobacterium nucleatum*  
*Fusobacterium varium*  
*Fusobacterium*  
*gonidiaformans*<sup>3</sup>  
*Fusobacterium necrophorum*  
*Gemella morbillorum*  
*Lactobacillus johnsonii*  
*Lactobacillus rhamnosus*  
*Lactobacillus casei*  
*Lactobacillus acidophilus*  
*Lactobacillus catenaforme*  
*Lactobacillus jensenii*  
*Lactobacillus fermentum*  
*Leptotrichia buccalis*  
*Mobiluncus curtisii*  
*Mobiluncus mulieris*  
*Mobiluncus* species<sup>4</sup>  
*Peptostreptococcus*  
*anaerobius*  
*Peptostreptococcus magnus*  
*Peptostreptococcus indolicus*  
*Peptostreptococcus*  
*assaccharolyticus*

*Peptostreptococcus micros*  
*Peptostreptococcus tetradius*  
*Peptostreptococcus prevotii*  
*Porphyromonas gingivalis*  
*Porphyromonas*  
*asaccharolytica*  
*Porphyromonas endodontalis*  
*Porphyromonas levii*  
*Prevotella oralis*  
*Prevotella oris*  
*Prevotella corporis*  
*Prevotella veroralis*  
*Prevotella disiens*  
*Prevotella loescheii*  
*Prevotella melaninogenica*  
*Prevotella buccalis*  
*Prevotella intermedia*  
*Prevotella denticola*  
*Prevotella buccae*  
*Prevotella bivia*  
*Propionibacterium acnes*  
*Propionibacterium avidum*  
*Propionibacterium*  
*propionicum*  
*Propionibacterium*  
*granulosum*  
*Ruminococcus productus*  
*Staphylococcus*  
*saccharolyticus*  
*Streptococcus constellatus*  
*Streptococcus intermedius*  
*Tissierella praeacuta*  
*Veillonella* species

## Gram Positive And Rapid Gram-Positive ID Kits\*

*Actinomyces pyogenes*<sup>o</sup>  
*Aerococcus* species  
(includes *A. urinae* and  
*A. viridans*)<sup>1</sup>  
*Aerococcus urinae*<sup>1</sup>  
*Aerococcus viridans*<sup>o</sup>  
*Alloiooccus otitidis*<sup>1</sup>  
*Arcanobacterium*  
*haemolyticum*<sup>1</sup>  
*Bacillus brevis*<sup>o</sup>  
*Bacillus cereus*<sup>o</sup>  
*Bacillus circulans*<sup>1</sup>  
*Bacillus coagulans*<sup>1</sup>  
*Bacillus licheniformis*<sup>o</sup>  
*Bacillus megaterium*<sup>o</sup>  
*Bacillus pumilus*<sup>o</sup>  
*Bacillus* species  
(includes *B. brevis*<sup>o</sup>,  
*B. circulans*<sup>1</sup>, *B. coagulans*<sup>1</sup>,  
*B. licheniformis*<sup>o</sup>,  
*B. megaterium*<sup>o</sup>,  
*B. pumilus*<sup>o</sup> and  
*B. sphaericus*<sup>1</sup>, *P. alvei*<sup>o</sup>,  
*P. macerans*<sup>1</sup>)  
*Bacillus sphaericus*<sup>1</sup>  
*Bacillus subtilis*<sup>o</sup>  
*Corynebacterium aquaticum*<sup>1</sup>

*Corynebacterium bovis*<sup>°</sup>  
*Corynebacterium diphtheriae*  
(includes *C. diphtheriae* ssp *gravis*<sup>°</sup>, *C. diphtheriae* ssp *mitis*<sup>°</sup>, and *C. diphtheriae* ssp *intermedius*<sup>°</sup>)  
*Corynebacterium genitalium*<sup>†</sup>  
*Corynebacterium jeikeium*<sup>°</sup>  
*Corynebacterium kutscheri*<sup>†</sup>  
*Corynebacterium propinquum*<sup>†</sup>  
*Corynebacterium pseudodiphthericum*<sup>°</sup>  
*Corynebacterium pseudogenitalium*<sup>†</sup>  
*Corynebacterium pseudotuberculosis*<sup>°</sup>  
*Corynebacterium renale* group<sup>°</sup>  
*Corynebacterium* species (includes *C. aquaticum*<sup>†</sup>, *C. bovis*<sup>°</sup>, *C. kutscheri*<sup>†</sup>, *C. propinquum*<sup>†</sup>, *C. pseudodiphtheriticum*<sup>°</sup>, *C. pseudotuberculosis*<sup>°</sup>, *C. renale* group<sup>°</sup>, *C. striatum*<sup>†</sup> and *C. ulcerans*<sup>°</sup>)  
*Corynebacterium striatum*<sup>†</sup>  
*Corynebacterium ulcerans*<sup>°</sup>  
*Enterococcus avium*<sup>°</sup>  
*Enterococcus casseliflavus/gallinarum*<sup>°</sup>  
*Enterococcus durans*<sup>°</sup>  
*Enterococcus faecalis*<sup>°</sup>  
*Enterococcus faecium*<sup>°</sup>  
*Enterococcus hirae*<sup>†</sup>  
*Enterococcus raffinosus*<sup>°</sup>  
*Enterococcus solitarius*<sup>†</sup>  
*Erysipelothrix rhusiopathiae*<sup>°</sup>  
*Gardnerella vaginalis*<sup>°</sup>  
*Gemella haemolysans*<sup>°</sup>  
*Gemella morbillorum*<sup>°</sup>  
*Gemella* species (includes *G. haemolysans*<sup>°</sup> and *G. morbillorum*<sup>°</sup>)  
*Globicatella sanguis*<sup>†</sup>  
*Helcococcus kunzii*<sup>†</sup>  
*Lactococcus garvieae*<sup>°</sup>  
*Lactococcus lactis* ssp *cremoris*<sup>°</sup>  
*Lactococcus lactis* ssp *hordniae*<sup>°</sup>  
*Lactococcus lactis* ssp *lactis*<sup>°</sup>  
*Lactococcus raffinolactis*<sup>†</sup>  
*Lactococcus* species (includes *L. garvieae*<sup>†</sup>, *L. lactis* ssp *cremoris*<sup>°</sup>, *L. lactis* ssp *hordniae*<sup>°</sup>, *L. lactis* ssp *lactis*<sup>°</sup> and *L. raffinolactis*<sup>†</sup>)  
*Leuconostoc citreum*<sup>°</sup>  
*Leuconostoc lactis*<sup>°</sup>  
*Leuconostoc mesenteroides* ssp *mesenteroides*<sup>°</sup>  
*Leuconostoc pseudomesenteroides*<sup>†</sup>  
*Leuconostoc* species (includes *L. citreum*<sup>°</sup>, *L. lactis*<sup>°</sup>, *L. mesenteroides* ssp *mesenteroides*<sup>°</sup> and *L. pseudomesenteroides*<sup>†</sup>)  
*Listeria grayi*<sup>†</sup>  
*Listeria ivanovii* ssp *ivanovii*<sup>†</sup>  
*Listeria monocytogenes*<sup>°</sup>  
*Listeria murrayi*<sup>†</sup>  
*Listeria murrayi/grayi*<sup>†</sup>  
*Micrococcus kristinae*<sup>°</sup>  
*Micrococcus luteus*<sup>°</sup>  
*Micrococcus lylae*<sup>†</sup>  
*Micrococcus roseus*<sup>°</sup>  
*Micrococcus sedentarius*<sup>†</sup>  
*Micrococcus* species (includes *M. kristinae*<sup>°</sup>, *M. luteus*<sup>°</sup>, *M. lylae*<sup>†</sup>, *M. roseus*<sup>°</sup>, *M. sedentarius*<sup>†</sup>)  
*Oerskovia* species (includes *O. turbata*<sup>°</sup> and *O. xanthineolytica*<sup>°</sup>)  
*Paenibacillus alvei*<sup>°</sup>  
*Paenibacillus macerans*<sup>†</sup>  
*Pediococcus damnosus*<sup>†</sup>  
*Pediococcus parvulus*<sup>†</sup>  
*Pediococcus pentosaceus*<sup>†</sup>  
*Pediococcus* species (includes *P. damnosus*<sup>†</sup>, *P. parvulus*<sup>†</sup> and *P. pentosaceus*<sup>†</sup>)  
*Rhodococcus equi*<sup>°</sup>  
*Rothia dentocariosa*<sup>†</sup>  
*Staphylococcus aureus*<sup>°</sup>  
*Staphylococcus auricularis*<sup>†</sup>  
*Staphylococcus capitis*<sup>†</sup> (includes *S. capitis* ssp *capitis*<sup>†</sup> and *S. capitis* ssp *ureolyticus*<sup>†</sup>)  
*Staphylococcus caprae*<sup>†</sup>  
*Staphylococcus carnosus*<sup>†</sup>  
*Staphylococcus cohnii*<sup>†</sup> (includes *S. cohnii* ssp *cohnii*<sup>†</sup> and *S. cohnii* ssp *urealyticum*<sup>†</sup>)  
*Staphylococcus cohnii* ssp *cohnii*<sup>†</sup>  
*Staphylococcus cohnii* ssp *urealyticum*<sup>†</sup>  
*Staphylococcus epidermidis*<sup>°</sup>  
*Staphylococcus equorum*<sup>†</sup>  
*Staphylococcus felis*<sup>†</sup>  
*Staphylococcus gallinarum*<sup>°</sup>  
*Staphylococcus haemolyticus*<sup>°</sup>  
*Staphylococcus hominis*<sup>°</sup>  
*Staphylococcus intermedius*<sup>°</sup>  
*Staphylococcus kloosii*<sup>†</sup>  
*Staphylococcus lentus*  
*Staphylococcus lugdunensis*<sup>°</sup>  
*Staphylococcus pasteurii*<sup>†</sup>  
*Staphylococcus saccharolyticus*<sup>°</sup>  
*Staphylococcus saprophyticus*<sup>°</sup>  
*Staphylococcus schleiferi*<sup>†</sup> (includes *S. schleiferi* ssp *coagulans*<sup>°</sup> and *S. schleiferi* ssp *schleiferi*<sup>†</sup>)  
*Staphylococcus sciuri*<sup>°</sup>  
*Staphylococcus simulans*<sup>°</sup>  
*Staphylococcus vitulus*<sup>†</sup>  
*Staphylococcus warneri*<sup>°</sup>  
*Staphylococcus xylosum*<sup>°</sup>  
*Stomatococcus mucilaginosus*<sup>°</sup>  
*Streptococcus acidominimus*<sup>°</sup>  
*Streptococcus agalactiae*<sup>°</sup>  
*Streptococcus anginosus*<sup>°</sup>  
*Streptococcus bovis* (includes *S. bovis* I<sup>°</sup> and *S. bovis* II<sup>°</sup>)  
*Streptococcus constellatus*<sup>°</sup>  
*Streptococcus cricetus*<sup>°</sup>  
*Streptococcus crista*<sup>°</sup>  
*Streptococcus* group C/G<sup>°</sup>  
*Streptococcus equi* (includes *S. equi* ssp *equi*<sup>°</sup> and *S. equi* ssp *zooepidemicus*<sup>°</sup>)  
*Streptococcus equi* ssp *equi*<sup>†</sup>  
*Streptococcus equi* ssp *zooepidemicus*<sup>†</sup>  
*Streptococcus equinus*<sup>°</sup>  
*Streptococcus gordonii*<sup>°</sup>  
*Streptococcus intermedius*<sup>°</sup>  
*Streptococcus milleri* group (includes *S. anginosus*<sup>°</sup>, *S. constellatus*<sup>°</sup> and *S. intermedius*<sup>°</sup>)  
*Streptococcus mitis*<sup>°</sup>  
*Streptococcus mitis* group (includes *S. mitis*<sup>°</sup> and *S. oralis*<sup>°</sup>)  
*Streptococcus mutans*<sup>°</sup>  
*Streptococcus mutans* group (includes *S. cricetus*<sup>°</sup>, *S. mutans*<sup>°</sup> and *S. sobrinus*<sup>°</sup>)  
*Streptococcus oralis*<sup>°</sup>  
*Streptococcus parasanguis*<sup>†</sup>  
*Streptococcus pneumoniae*<sup>°</sup>  
*Streptococcus porcinus*<sup>†</sup>  
*Streptococcus pyogenes*<sup>°</sup>  
*Streptococcus salivarius*<sup>°</sup>  
*Streptococcus* *salivarius* group (includes *S. salivarius*<sup>°</sup> and *S. vestibularis*<sup>°</sup>)  
*Streptococcus sanguis*<sup>°</sup>  
*Streptococcus sanguis* group (includes *S. crista*<sup>°</sup>, *S. gordonii*<sup>°</sup>, *S. parasanguis*<sup>†</sup> and *S. sanguis*<sup>°</sup>)  
*Streptococcus sobrinus*<sup>°</sup>  
*Streptococcus uberis*<sup>°</sup>  
*Streptococcus vestibularis*<sup>°</sup>  
*Turicella otitidis*<sup>†</sup>  
*Haemophilus influenzae*  
*Haemophilus parahaemolyticus*  
*Haemophilus parainfluenzae*  
*Haemophilus segnis*  
*Kingella denitrificans*  
*Kingella kingae*  
*Kingella* species (includes *K. denitrificans* and *K. kingae*)  
*Moraxella atlantae*  
*Moraxella (Branhamella) catarrhalis*  
*Moraxella lacunata*  
*Moraxella nonliquefaciens*  
*Moraxella osloensis*  
*Moraxella phenylpyruvica*  
*Moraxella* species (includes *M. atlantae*, *M. lacunata*, *M. nonliquefaciens*, *M. osloensis*, and *M. phenylpyruvica*)  
*Neisseria cinerea*  
*Neisseria elongata* (includes *N. elongata* ssp *elongata*, *N. elongata* ssp *glycolytica* and *N. elongata* ssp *nitroreducens*)  
*Neisseria flavescens*  
*Neisseria gonorrhoeae*  
*Neisseria lactamica*  
*Neisseria meningitidis*  
*Neisseria mucosa*  
*Neisseria sicca*  
*Neisseria subflava* (includes *N. subflava* biovar *flava*, *N. subflava* biovar *perflava*, and *N. subflava* biovar *subflava*)  
*Neisseria weaverii*  
*Oligella* species (includes *O. urethralis* and *O. ureolytica*)  
*Oligella ureolytica*  
*Oligella urethralis*  
*Pasteurella multocida*  
*Suttonella indologenes*

<sup>1</sup> BBL® CRYSTAL™ Enteric/Nonfermenter System only.

<sup>2</sup> BBL® CRYSTAL™ Rapid Stool/Enteric System only.

<sup>3</sup> Taxon on BBL® CRYSTAL™ BBL® Schaedler database only.

<sup>4</sup> Taxon in BBL® CRYSTAL™ BBL® Schaedler and BBL® CRYSTAL™ Alternate Blood Agar databases only.

<sup>5</sup> Includes *B. distasonis* and *B. mearae*.

<sup>†</sup> BBL® CRYSTAL™ Gram-Positive ID Kit only.\*

<sup>‡</sup> BBL® CRYSTAL™ Rapid Gram-Positive ID Kit only.\*

<sup>°</sup> BBL® CRYSTAL™ Gram-Positive ID Kit and Rapid Gram-Positive ID Kit.\*

\*Not available for sale in the US.

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