



# PRODUCT CATALOG

INDUSTRIAL MICROBIOLOGY



Helping all people  
live healthy lives

**BD Diagnostics**  
Diagnostic Systems

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# 1 Dehydrated Culture Media

## 1.1 Dehydrated Culture Media and Ingredients

### 1.1.1 Dehydrated Culture Media

### 1.1.2 Additives

## 1.2 Media and Ingredients

### 1.2.1 Enrichments and Enzymes

### 1.2.2 Meat Peptones and Media

## 1.3 Chemically Defined Products

## 1.4 Media Fill Testing Products

Professionals around the world carry the critical responsibility of assuring that their institutions deliver the highest quality products or test results. They know that consistent, superior media is an essential ingredient of accurate laboratory testing whether in food, water, pharmaceutical/biotech production, or in university research. Time after time they confidently reach for BD Difco™ and BBL™ brand Dehydrated Culture Media, and Media Additives. How has BD earned the trust of professionals worldwide?

Experience counts when it comes to microbiological media manufacturing. High quality media evolves because of countless refinements over time, undertaken to create the perfect blend. BD has refined research, manufacturing and quality control processes to achieve the top performing formulations and the highest standards for Difco and BBL brand media.

In 2003, the tradition of excellence continued with an expanded research, processing and manufacturing area for our new non-animal DCM and Tissue Culture Products. We are poised to meet the non-animal product needs of our customers. BD is the only worldwide DCM and prepared media manufacturer with ISO 9000 Certification.

## History

With over 180 combined years of experience in Microbiological Media and Custom Media, we have the understanding to readily respond to your requirements.

How did BD build this unmatched foundation to support the biopharmaceutical industry? In 1955, BD acquired the Baltimore Biological Laboratory (BBL) of Baltimore, Maryland, and used its expertise to continually advance the clinical market with prepared media and diagnostic tools. In 1997, BD acquired Difco Laboratories of Detroit, Michigan. Today, BD is one of the largest microbiology companies in the world, offering a broad range of microbiology and cell culture products worldwide.



BD is the only worldwide DCM and prepared media manufacturer with ISO 9000 Certification.



BD offers media with a proven record of performance — backed by over 180 years of combined Difco™ and BBL™ expertise.

## Product Quality

All raw materials are tested upon receipt to assure that they meet supplier specifications. Then final products are tested prior to release to assure quality and consistency. After final release, the products are packaged and retention samples are held for stability studies and any additional testing required at a later date. Certificates of Analysis and Certificates of Origin for each product contain all the information required for complete traceability of all raw materials included in each product. For your convenience, these certificates are available from the BD web site 24 hours a day, 7 days a week, at [www.bdregdocs.com](http://www.bdregdocs.com).

Cat. No.	Description	Brand	Quantity
<b>1.1</b>	<b>Dehydrated Culture Media and Ingredients</b>		
1.1.1	Dehydrated Culture Media		
<b>244020</b>	<b>2×YT Medium (Yeast Extract Tryptone)</b> Formulation designed for growth and propagation of <i>E. coli</i> infected with the single strand filamentous bacteriophage M13.	<b>BD Difco™</b>	<b>500 g</b>
<b>218231</b>	<b>A-1 Medium</b> Determination of fecal coliforms in water and foods.	<b>BD Difco™</b>	<b>500 g</b>
<b>274210</b>	<b>Acetate Differential Agar</b> Differentiation of members of <i>Shigella</i> genus from <i>Escherichia</i> genus.	<b>BD Difco™</b>	<b>500 g</b>
<b>212168</b>	<b>Actinomycete Isolation Agar</b> Use with added glycerol for isolating and cultivating actinomycetes from soil and water.	<b>BD Difco™</b>	<b>500 g</b>
<b>215710</b>	<b>Adonitol</b> Carbohydrate. For use in microbiological culture media in the study of fermentation reactions of bacteria. Is usually employed at a concentration of 0.5 to 1.0% in fermentation media.	<b>BD Difco™</b>	<b>10 g</b>
<b>214050</b>	<b>Agar (Bacto™)</b>	<b>BD Difco™</b>	<b>100 g</b>
<b>214010</b>	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.	<b>BD Difco™</b>	<b>454 g</b>
<b>214030</b>		<b>BD Difco™</b>	<b>2 kg</b>
<b>214040</b>		<b>BD Difco™</b>	<b>10 kg</b>
<b>212304</b>	<b>Agar (Grade A)</b> Agar, Grade A is a high-grade agar, specially processed for microbiological purposes. It is routinely used as a solidifying agent in microbiological media.	<b>BD BBL™</b>	<b>500 g</b>
<b>214530</b>	<b>Agar (Granulated)</b>	<b>BD Difco™</b>	<b>500 g</b>
<b>214510</b>	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.	<b>BD Difco™</b>	
<b>214520</b>		<b>BD Difco™</b>	
<b>214220</b>	<b>Agar (Noble)</b>	<b>BD Difco™</b>	<b>100 g</b>
<b>214230</b>	Agar Noble is extensively washed and bleached. This agar should be used for immunodiffusion, some electrophoretic applications, and as a substrate for mammalian and plant tissue culture. Agar Noble is a solidifying agent that is essentially free of impurities. It is used in electrophoretic and nutritional procedures and in preparing microbiological culture media when increased purity is required.	<b>BD Difco™</b>	<b>500 g</b>
<b>281230</b>	<b>Agar (Technical)</b>	<b>BD Difco™</b>	<b>500 g</b>
<b>281210</b>	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 to permit its use.	<b>BD Difco™</b>	<b>2 kg</b>
<b>212272</b>	<b>Agarose</b> Agarose is a complex galactose polysaccharide of near neutral charge. It is specially prepared and is intended mainly for use in gel electrophoresis.	<b>BD BBL™</b>	<b>500 g</b>
<b>210912</b>	<b>AK Agar No. 2 (Sporulating Agar)</b> Culture medium for the preparation of spore suspensions for use in procedures for the detection of antibiotic residues in milk and dairy products.	<b>BD BBL™</b>	<b>500 g</b>
<b>253610</b>	<b>Anaerobic Agar</b> General purpose medium for anaerobic microorganisms.	<b>BD Difco™</b>	<b>500 g</b>

Cat. No.	Description	Brand	Quantity
226340	<b>Antibiotic Medium 1</b> Penassay Seed Agar. Microbiological assay of antibiotics. USP compliant.	BD Difco™	500 g
227020	<b>Antibiotic Medium 2</b> Penassay Base Agar. Microbiological assay of antibiotics. USP compliant.	BD Difco™	500 g
210932	<b>Antibiotic Medium 3</b>	BD BBL™	500 g
224320	Antibiotic Assay Broth. USP compliant.	BD Difco™	500 g
224310		BD Difco™	2 kg
224410	<b>Antibiotic Medium 4</b> Yeast Beef Agar, Microbiological assay of antibiotics. USP compliant.	BD Difco™	500 g
227710	<b>Antibiotic Medium 5</b> Streptomycin Assay Agar, Microbiological assay of antibiotics. USP compliant.	BD Difco™	500 g
266710	<b>Antibiotic Medium 8</b> Microbiological assay of antibiotics. USP compliant.	BD Difco™	500 g
246210	<b>Antibiotic Medium 9</b> Polymyxin Base Agar, Microbiological assay of antibiotics. USP compliant.	BD Difco™	500 g
246310	<b>Antibiotic Medium 10</b> Polymyxin Seed Agar, Microbiological assay of antibiotics. USP compliant.	BD Difco™	500 g
259310	<b>Antibiotic Medium 11</b> Erythromycin/Neomycin Agar, Microbiological assay of antibiotics. USP compliant.	BD Difco™	500 g
266910	<b>Antibiotic Medium 12</b> Microbiological assay of antibiotics. USP compliant.	BD Difco™	500 g
243100	<b>Antibiotic Medium 19</b> Microbiological assay of antibiotics. USP compliant.	BD Difco™	500 g
265430	<b>APT Agar</b> APT Agar is used for cultivating heterofermentative lactobacilli and other organisms requiring high thiamine content. It is also used for maintaining stock cultures of <i>Weissella (Lactobacillus) viridescens</i> ATCC 12706 used in the assay of thiamine.	BD Difco™	500 g
265510	<b>APT Broth</b> Used for culturing <i>Weissella 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.	BD Difco™	500 g
214410	<b>Asparagine</b> Amino acid for chemical and microbiological usage.	BD Difco™	500 g
240920	<b>Azide Blood Agar Base</b> Used for isolating streptococci and staphylococci and, when supplemented with blood, for determining hemolytic reactions.	BD Difco™	500 g
238710	<b>Azide Dextrose Broth</b> Used for cultivating streptococci in water and wastewater.	BD Difco™	500 g
245710	<b>B12 Assay Medium</b> Used for determining vitamin B12 concentration by the microbiological assay technique.	BD Difco™	100 g
254110	<b>B12 Culture Agar</b> Used for cultivating <i>Lactobacillus delbrueckii subsp. lactis</i> ATCC 7830 used in the Vitamin B12 Activity Assay.	BD Difco™	100 g
254210	<b>B12 Inoculum Broth</b> Used for preparing the inoculum of <i>Lactobacillus delbrueckii subsp. lactis</i> ATCC 7830 used in the Vitamin B12 Activity Assay.	BD Difco™	100 g

Cat. No.	Description	Brand	Quantity
276840	<b>Baird-Parker Agar Base</b>	BD Difco™	500 g
276810	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, 212357 and 257201) for the detection and enumeration of coagulase-positive staphylococci from food, skin, soil, air, and other materials.	BD Difco™	2 kg
212327	<b>BCYE Agar Base</b> Buffered Charcoal Yeast Extract (BCYE) Agar Base is used in qualitative procedures for isolation of <i>Legionella</i> species from clinical specimens and non-clinical (environmental) samples.	BD BBL™	500 g
213210	<b>Beef Heart for Infusion</b> 100 g of this desiccated powder is equivalent to 500 g of fresh beef heart. Used in preparing microbiological culture media.	BD Difco™	500 g
211027	<b>BiGGY Agar</b> 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.	BD BBL™	500 g
299068	<b>Bile Esculin Agar</b> Used to differentiate enterococci and the <i>Streptococcus bovis</i> group from other streptococci.	BD BBL™	500 g
213010	<b>Bile Salts No. 3</b>	BD Difco™	100 g
213020	Selective agent, inhibits Gram-positive organisms.	BD Difco™	500 g
241910	<b>Biotin Assay Medium</b> For determining biotin concentration by the microbiological assay technique using <i>Lactobacillus plantarum</i> ATCC 8014 as a test organism.	BD Difco™	100 g
273300	<b>Bismuth Sulfite Agar</b> Bismuth Sulfite Agar is a highly selective medium used for isolating <i>Salmonella</i> spp., particularly <i>Salmonella</i> Typhi, from food and clinical specimens. Bismuth Sulfite Agar is a modification of the Wilson and Blair formula.	BD Difco™	500 g
211037	<b>Blood Agar Base</b>	BD BBL™	500 g
211038	Infusion medium for isolation and cultivation of a wide variety of microorganisms. Can be used with added blood for cultivation of fastidious microorganisms and hemolytic activity of streptococci.	BD BBL™	2.3 kg
248200	<b>Bordet Gengou Agar Base</b> Used with the addition of sterile blood and glycerol for the detection and isolation of <i>B. pertussis</i> and other <i>Bordetella</i> species. The medium is rendered selective by the addition of methicillin.	BD Difco™	500 g
211057	<b>Brain Heart CC Agar</b> With chloramphenicol and cycloheximide. Selective medium used for the isolation of pathogenic fungi from specimens heavily contaminated with bacteria and saprophytic fungi.	BD BBL™	500 g
237400	<b>Brain Heart Infusion</b>	BD Difco™	100 g
237500	BHI is a general-purpose medium used in the cultivation of fastidious and non-fastidious microorganisms including aerobic and anaerobic bacteria, from a variety of clinical and non-clinical materials. It serves as a base for supplemented media containing 0.1% agar, Fildes enrichment or 6.5% sodium chloride. A supplemented pre-reduced formulation in tubes is especially recommended for the cultivation of anaerobes.	BD Difco™	500 g
237200		BD Difco™	2 kg
211059		BD BBL™	500 g
211061		BD BBL™	11.4 kg
241820	<b>Brain Heart Infusion Agar</b>	BD Difco™	100 g
248130	For the cultivation of fastidious microorganisms especially fungi and yeasts.	BD Difco™	500 g
241810	For use with added antibiotics in isolating fungi.	BD Difco™	2 kg
211065		BD BBL™	500 g
299070	<b>Brain Heart Infusion Broth, Modified</b> For the cultivation of fastidious organisms; contains modified quantities of the ingredients and contains pancreatic digest of casein instead of pancreatic digest of gelatin.	BD BBL™	500 g

# Dehydrated Culture Media and Additives

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Cat. No.	Description	Brand	Quantity	Cat. No.	Description	Brand	Quantity
249910	<b>Brain Heart Infusion with PAB and Agar</b> Brain Heart Infusion (BHI) with para-aminobenzoic acid (PAB or PABA) is a medium used for the examination of blood from patients who have received sulfonamide therapy. The addition of agar has been found to improve growth of anaerobes.	BD Difco™	500 g	211102	<b>Cary and Blair Transport Medium</b> Used for collecting, transporting and preserving microbiological specimens, particularly those containing <i>Vibrio cholerae</i> .	BD BBL™	500 g
211069	<b>Brain Heart Infusion with PABA</b> Brain Heart Infusion (BHI) with para-aminobenzoic acid (PAB or PABA) is a medium used for the examination of blood from patients who have received sulfonamide therapy.	BD BBL™	500 g	211106	<b>Casman Agar Base</b> Used for the cultivation of fastidious pathogenic organisms, such as <i>Haemophilus influenzae</i> and <i>Neisseria gonorrhoeae</i> , from clinical specimens.	BD BBL™	500 g
256120	<b>Brain Heart Infusion, Porcine</b> For the cultivation of a variety of microorganisms using porcine as an alternate peptone source.	BD Difco™	500 g	216010	<b>Cellobiose</b> Carbohydrate; Cellobiose (+), anhydrous, neither D nor L.	BD Difco™	25 g
227920	<b>Brewer Anaerobic Agar</b> Used for cultivating anaerobic and microaerophilic bacteria.	BD Difco™	500 g	285420	<b>Cetrimide Agar Base / BD Pseudose™ Agar</b> Used for the selective isolation and identification of <i>Pseudomonas aeruginosa</i> .	BD Difco™	500 g
228530	<b>Brilliant Green Agar</b> Highly selective medium for the isolation of <i>Salmonella</i> other than <i>Salmonella</i> Typhi from feces and other materials. Can be used with Novobiocin Antimicrobial Supplement (Cat. No. 231971).	BD Difco™	500 g	211805	<b>Chapman Stone Medium</b> Used for isolating and differentiating staphylococci based on mannitol fermentation and gelatinase activity.	BD Difco™	500 g
218801	<b>Brilliant Green Agar, Modified (Edel-Kampelmacher)</b> Selective medium for the isolation of <i>Salmonella</i> from water, sewage and foodstuffs.	BD Difco™	500 g	289410	<b>Charcoal Agar</b> Cultivation of fastidious organisms, particularly <i>Bordetella pertussis</i> , for vaccine production and stock culture maintenance.	BD Difco™	500 g
214100	<b>Brilliant Green Bile Agar</b> Used for isolating, differentiating and enumerating coliform bacteria.	BD Difco™	500 g	212218	<b>CLED Agar</b> Cystine-Lactose-Electrolyte-Deficient Agar. Used for the cultivation of bacteria from urine and for the differentiation of lactose-positive and lactose-negative microorganisms.	BD BBL™	500 g
274000	<b>Brilliant Green Lactose Bile Broth, 2%</b>	BD Difco™	500 g	211116	<b>Coagulase Mannitol Agar</b> Used for the differentiation of <i>Staphylococcus aureus</i> from other species based on coagulase production and mannitol fermentation.	BD BBL™	500 g
271000	<b>Brilliant Green Bile Broth 2% (Brilliant Green Lactose Bile Broth)</b> is used for the detection of coliform organisms in foods, dairy products, water and wastewater, as well as in other materials of sanitary importance.	BD Difco™	2 kg	211124	<b>Columbia Agar Base</b>	BD BBL™	500 g
271710	<b>Brilliant Green Sulfa Agar</b> BG Sulfa Agar. Selective isolation of <i>Salmonella</i> (not <i>S. Typhi</i> ) from stool and other media after pre-enrichment. Can be used with SBG Sulfa Enrichment (Cat. No. 271510).	BD Difco™	500 g	211125	A highly nutritious, general-purpose medium for the isolation and cultivation of nonfastidious and fastidious microorganisms from a variety of clinical and non-clinical materials.	BD BBL™	2.3 kg
211086	<b>Brucella Agar</b> A culture medium for the cultivation of <i>Brucella</i> organisms.	BD BBL™	500 g	211126		BD BBL™	11.3 kg
211088	<b>Brucella Broth</b> Used for the cultivation of <i>Brucella</i> species and for the isolation and cultivation of a wide variety of fastidious and nonfastidious microorganisms.	BD BBL™	500 g	279240	<b>Columbia Blood Agar Base</b>	BD Difco™	500 g
218105	<b>Buffered Peptone Water</b>	BD Difco™	500 g	279220	Infusion-free basal medium to use with or without blood for the cultivation of fastidious microorganisms.	BD Difco™	2 kg
218103	Pre-enrichment for injured <i>Salmonella</i> species from food specimens to increase recovery.	BD Difco™	2 kg	279230		BD Difco™	10 kg
218104		BD Difco™	10 kg	279030	<b>Columbia Blood Agar Base EH</b>	BD Difco™	500 g
212367		BD BBL™	500 g	279010	Infusion-free basal medium to use with blood for enhanced beta-hemolytic reactions after overnight incubation and for cultivation of fastidious microorganisms, particularly <i>Helicobacter pylori</i> .	BD Difco™	2 kg
212345		BD BBL™	2.3 kg	279020		BD Difco™	10 kg
214939	<b>Buffered Peptone Casein Water</b>	BD Difco™	500 g	294420	<b>Columbia Broth</b> Cultivation of fastidious microorganisms. Particularly recommended for blood culture because of its ability to grow a wide range of microorganisms.	BD Difco™	500 g
214938	Pre-enrichment for injured <i>Salmonella</i> species from food specimens to increase recovery.	BD Difco™	10 kg	212104	<b>Columbia CNA Agar</b>	BD BBL™	500 g
257820	<b>Bushnell-Haas Broth</b> Used for studying microbial utilization of hydrocarbons.	BD Difco™	500 g	294221	Used with blood for the selective isolation of Gram-positive cocci; contains colistin and nalidixic-acid.	BD BBL™	2.3 kg
218201	<b>Campylobacter Agar Base</b> For use with blood and antibiotics (Campylobacter Antimicrobial Supplement B, Campylobacter Antimicrobial Supplement S or other antibiotics) in isolating and cultivating Campylobacter.	BD Difco™	2 kg	212249		BD BBL™	11.3 kg
283510	<b>Candida BCG Agar Base</b> 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.	BD Difco™	500 g	297596	<b>Columbia II Agar</b> This is 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 material.	BD BBL™	500 g
				270310	<b>Cooke Rose Bengal Agar</b> Use with or without BD Difco™ Antimicrobial Vial A (Cat. No. 233331) for the selective isolation of fungi from environmental and food specimens.	BD Difco™	500 g
				226730	<b>Cooked Meat Medium</b> For the cultivation of anaerobic bacteria and maintenance of stock cultures, especially pathogenic clostridia.	BD Difco™	500 g

# Dehydrated Culture Media and Additives

1.1

Cat. No.	Description	Brand	Quantity	Cat. No.	Description	Brand	Quantity
211132	<b>Corn Meal Agar</b> General-purpose medium for the cultivation of fungi.	BD BBL™	500 g	227310	<b>Desoxycholate Agar</b> A slightly selective and differential plating medium used for isolating and differentiating Gram-negative enteric bacilli.	BD Difco™	500 g
211094	<b>CTA Agar</b> Cystine Trypticase™ Agar. Primarily used for carbohydrate fermentation tests with corynebacteria and especially for differentiation of <i>C. diphtheriae</i> from related species.	BD BBL™	500 g	227410	<b>Desoxycholate Citrate Agar</b> A moderately selective and differential plating medium used for isolating enteric bacilli, particularly <i>Salmonella</i> and many <i>Shigella</i> species.	BD Difco™	500 g
211096	<b>CTA Medium™</b> Cystine Trypticase™ 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 nonsporeforming anaerobes.	BD BBL™	500 g	242010	<b>Desoxycholate Lactose Agar</b> A slightly selective and differential plating medium used for isolating and differentiating Gram-negative enteric bacilli and for enumerating coliforms from water, wastewater, milk, and dairy products.	BD Difco™	500 g
246710	<b>Cystine Assay Medium</b> Used for determining L-cystine concentration by the microbiological assay technique.	BD Difco™	100 g	267100	<b>Dextrose Agar</b> Used for cultivating a wide variety of microorganisms with or without added blood.	BD Difco™	500 g
247100	<b>Cystine Heart Agar</b> Cystine Heart Agar is used with hemoglobin for cultivating <i>Francisella tularensis</i> and without enrichment for cultivating Gram-negative cocci and other microorganisms.	BD Difco™	500 g	263100	<b>Dextrose Broth</b> Used for cultivating fastidious microorganisms and for detecting gas from enteric bacilli.	BD Difco™	500 g
252310	<b>Cystine Tryptic Agar</b> Used for the maintenance of microorganisms, as well as 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 spore forming anaerobes.	BD Difco™	500 g	215530	<b>Dextrose / Glucose</b>	BD Difco™	500 g
233910	<b>Czapek Solution Agar</b> Used for cultivating fungi and bacteria capable of using inorganic nitrogen.	BD Difco™	500 g	215510	Carbohydrate; glucose, D (+), anhydrous. For incorporation into microbiological culture media as a source of energy for bacteria and for the determination of fermentation reactions. It is usually employed at a concentration of 0.5 to 1.0% in fermentation media.	BD Difco™	2 kg
233810	<b>Czapek-Dox Broth</b> Used for cultivating fungi and bacteria capable of using inorganic nitrogen.	BD Difco™	500 g	266200	<b>Dextrose Starch Agar</b> Dextrose Starch Agar is recommended as a complete solid medium for the propagation of pure cultures of <i>Neisseria gonorrhoeae</i> . This highly nutritious medium without additives will also support excellent growth of <i>N. meningitidis</i> , <i>Streptococcus pneumoniae</i> and <i>S. pyogenes</i> .	BD Difco™	500 g
268620	<b>D/E Neutralizing Agar</b>	BD Difco™	500 g	280100	<b>Dextrose Tryptone Agar</b> Used for cultivating thermophilic "flat-sour" microorganisms associated with food spoilage.	BD Difco™	500 g
268610	D/E (Dey/Engley) Neutralizing Agar has the ability to neutralize antimicrobial chemicals and is used for environmental sampling for the detection and enumeration of microorganisms present on surfaces of sanitary importance.	BD Difco™	10 kg	216310	<b>D-Galactose</b> Carbohydrate; D-Galactose (+), anhydrous.	BD Difco™	500 g
281910	<b>D/E Neutralizing Broth</b> Used for the neutralization and testing of antiseptics and disinfectants according to the procedure of Dey and Engley.	BD Difco™	500 g	264120	<b>Differential Reinforced Clostridial Agar (DRCA)</b> For enumeration and cultivation of sulfate-reducing clostridia in foods.	BD Difco™	500 g
211144	<b>DCLS Agar</b> DCLS Agar (Desoxycholate Citrate Lactose Sucrose Agar) is a moderately selective culture medium for the isolation of <i>Salmonella</i> and <i>Shigella</i> from fecal specimens.	BD BBL™	500 g	217020	<b>D-Mannitol</b> Carbohydrate.	BD Difco™	500 g
289020	<b>Decarboxylase Base Moeller</b> Use to differentiate Gram-negative enteric bacilli based on their ability to decarboxylate amino acids.	BD Difco™	500 g	263220	<b>DNase Test Agar</b>	BD Difco™	500 g
211430	<b>Decarboxylase Broth Base Moeller</b> 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.	BD BBL™	500 g	211179	Differential medium used for the detection of deoxyribonuclease activity to aid in the identification of bacteria.	BD BBL™	500 g
287220	<b>Decarboxylase Medium Base</b> Use with added amino acid in differentiating bacteria based on amino acid decarboxylation.	BD Difco™	500 g	222020	<b>DNase Test Agar with Methyl Green</b> DNase Test Agar with Methyl Green contains a dye to eliminate the necessity of adding reagent to the agar plate following incubation.	BD Difco™	500 g
265320	<b>Demi-Fraser Broth Base</b>	BD Difco™	500 g	258710	<b>DRBC Agar</b> Dichloran Rose Bengal Chloramphenicol Agar supports good growth of yeasts and molds while inhibiting bacteria and the spreading of rapidly growing molds.	BD Difco™	500 g
265310	For use with Fraser Broth Supplement (Cat. No. 211742) in selectively and differentially enriching <i>Listeria</i> from foods.	BD Difco™	10 kg	217910	<b>D-Sorbitol</b> Carbohydrate.	BD Difco™	500 g
212330	<b>Dermatophyte Test Medium Base</b> Dermatophyte Test Medium (DTM) is a selective and differential medium used for the detection and presumptive identification of dermatophytes from clinical and veterinary specimens.	BD BBL™	500 g	238510	<b>Dubos Broth Base</b> Dubos Broth Base is used with Dubos Medium Albumin (Cat. No. 230910) for rapidly cultivating pure cultures of <i>Mycobacterium tuberculosis</i> .	BD Difco™	500 g

Cat. No.	Description	Brand	Quantity
237310	<b>Dubos Oleic Agar Base</b> 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> .	BD Difco™	500 g
216210	<b>Dulcitol</b> Carbohydrate.	BD Difco™	100 g
218110	<b>D-Xylose</b> Carbohydrate.	BD Difco™	25 g
231430	<b>EC Medium</b>	BD Difco™	500 g
231410	Differentiation and enumeration of fecal and nonfecal coliforms in water, wastewater, shellfish, and foods.	BD Difco™	10 kg
222200	<b>EC Medium with MUG</b> Detection of MUG positive <i>E. coli</i> using a fluorogenic assay in water, food, and milk.	BD Difco™	500 g
234020	<b>EC Medium, Modified</b> 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.	BD Difco™	500 g
297005	<b>EE Broth Mossel</b>	BD BBL™	500 g
256620	Use for selectively enriching and detecting <i>Enterobacteriaceae</i> , particularly from foods.	BD Difco™	500 g
212183	<b>Elliker Broth</b> Elliker Broth, also known as Lactobacilli Broth, is used for cultivating streptococci and lactobacilli, particularly in dairy products.	BD Difco™	500 g
211199	<b>Endo Agar</b> A differential and slightly selective culture medium for the detection of coliform and other enteric microorganisms.	BD BBL™	500 g
212205	<b>Enterococcosel™ Agar</b> BD Enterococcosel™ Agar, a Bile Esculin Agar with Azide, is used for the rapid, selective detection and enumeration of enterococci.	BD BBL™	500 g
212207	<b>Enterococcosel™ Broth</b> BD Enterococcosel™ Broth, a Bile Esculin Broth with Azide, is recommended for use in the differentiation of enterococci and group D streptococci.	BD BBL™	500 g
211191	<b>Eosin Methylene Blue Agar (Levine) without Lactose</b> Eosin Methylene Blue Agar, Levine, without Lactose is provided for convenience in genetic studies of enteric bacilli.	BD BBL™	500 g
211215	<b>Eosin Methylene Blue Agar, Modified (Holt-Harris &amp; Teague)</b> A slightly selective and differential medium for the isolation, cultivation and differentiation of Gram-negative enteric bacilli from both clinical and non-clinical specimens.	BD BBL™	500 g
215810	<b>Esculin</b> A water-soluble glycoside for the preparation of culture media used for the identification of various organisms, including <i>Enterobacteriaceae</i> , 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 hydrolyze esculin. Hydrolysis of esculin yields esculetin, which forms a brown-black complex in the presence of a ferric salt.	BD Difco™	10 g
248810	<b>Esculin Iron Agar</b> Esculin Iron Agar (EIA substrate) is used for enumerating enterococci from water by membrane filtration based on esculin hydrolysis.	BD Difco™	100 g

Cat. No.	Description	Brand	Quantity
258910	<b>Eugon Agar</b> 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> . 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 un-enriched medium supports rapid growth of lactobacilli associated with cured meat products, dairy products, and other foods.	BD Difco™	500 g
259010	<b>Eugon Broth</b> A general-purpose medium used for the cultivation of fastidious and nonfastidious bacteria from a variety of clinical and non-clinical specimens. With addition of Lecithin and Polysorbate 80 it is used for enrichment of cosmetic products.	BD Difco™	500 g
212107	<b>EVA Broth</b> EVA (Ethyl Violet Azide) Broth is used for detecting and confirming enterococci in water and other specimens as an indication of fecal contamination.	BD Difco™	500 g
223143	<b>FA Buffer (Dried)</b>	BD Difco™	6 x 10 g
223142	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 controls and solutions for laboratory tests, e.g.: - Reactive Control Serum (4+) -Unabsorbed - Minimally Reactive Control Serum (1+) - Nonreactive Control Serum (N) - Nonspecific Staining Control -Unabsorbed	BD Difco™	100 g
298710	<b>Fletcher Medium Base</b> Use with sterile normal rabbit serum for isolation, cultivation, and maintenance of <i>Leptospira</i> .	BD Difco™	500 g
231810	<b>Folic Acid Assay Medium</b> Used for determining folic acid concentration by the microbiological assay technique.	BD Difco™	100 g
282210	<b>Folic Acid Casei Medium</b> Used for determining folic acid concentration by the microbiological assay technique.	BD Difco™	100 g
212169	<b>Folic AOAC Medium</b> Used for determining folic acid concentration by the microbiological assay technique.	BD Difco™	100 g
211767	<b>Fraser Broth Base</b>	BD Difco™	500 g
211766	Use with Fraser Broth Supplement (Cat. No. 211742) for the selective enrichment and detection of <i>Listeria</i> .	BD Difco™	2 kg
211248	<b>FTA Hemagglutination Buffer</b> FTA Hemagglutination 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.	BD BBL™	500 g
228950	<b>GC Medium Base</b> Used with various additives in isolating and cultivating <i>Neisseria gonorrhoeae</i> and other fastidious microorganisms.	BD Difco™	500 g
214340	<b>Gelatin</b>	BD Difco™	500 g
214320	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.	BD Difco™	10 kg
218091	<b>Giolitti-Cantoni Broth Base</b> Used for enriching <i>Staphylococcus aureus</i> from foods during isolation procedures.	BD Difco™	500 g
228210	<b>Glycerol</b>	BD Difco™	100 g



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Cat. No.	Description	Brand	Quantity
228220	Highly purified alcohol used as a fixative in bacterial preservation media and in the isolation and cultivation of many organisms.	BD Difco™	500 g
211279	<b>GN Broth</b> Gram-negative Broth; For the selective enrichment of <i>Salmonella</i> and <i>Shigella</i> .	BD BBL™	500 g
248610	<b>GN Broth, Hajna</b> Gram-negative Broth, Hajna; Isolation and cultivation of Gram-negative organisms.	BD Difco™	500 g
268510	<b>HC Agar Base</b> HC Agar Base, when supplemented with Polysorbate 80, is used for enumerating molds in cosmetic products.	BD Difco™	500 g
244400	<b>Heart Infusion Agar</b>	BD Difco™	500 g
244100	A general-purpose medium used in the cultivation of a wide range of microorganisms from a variety of clinical and non-clinical specimens.	BD Difco™	2 kg
211839		BD Difco™	10 kg
238400	<b>Heart Infusion Broth</b>	BD Difco™	500 g
238100	Used for cultivating fastidious microorganisms.	BD Difco™	2 kg
285340	<b>Hektoen Enteric Agar</b>	BD Difco™	500 g
285320	A moderately selective medium used in qualitative procedures for the isolation and cultivation of Gram-negative enteric microorganisms, especially <i>Shigella</i> , from a variety of clinical and non-clinical specimens.	BD Difco™	10 kg
212392	<b>Hemoglobin, Bovine (Freeze-Dried)</b> BD BBL™ Hemoglobin products are used in preparing microbiological culture media.	BD BBL™	500 g
211299	<b>Indole Nitrite Medium (BD Trypticase™ Nitrate Broth)</b> Used for the identification of microorganisms by means of the nitrate reduction and indole tests.	BD BBL™	500 g
216410	<b>Inositol</b> Carbohydrate; Inosite, Mesoinositol, neither D nor L.	BD Difco™	100 g
212222	<b>Inositol Assay Medium</b> Used for determining inositol concentration by the microbiological assay technique.	BD Difco™	100 g
276910	<b>ISP Medium 1</b> International Streptomyces Project Tryptone Yeast Extract Broth.	BD Difco™	500 g
277010	<b>ISP Medium 2</b> International Streptomyces Project Yeast Malt Extract Agar.	BD Difco™	500 g
277210	<b>ISP Medium 4</b> International Streptomyces Project Inorganic Salts Starch Agar.	BD Difco™	500 g
249610	<b>KF Streptococcus Agar</b> Used with TTC Solution 1% (Cat. No. 231121 or 264310) in isolating and enumerating fecal streptococci.	BD Difco™	500 g
212226	<b>KF Streptococcus Broth</b> Used for isolating fecal streptococci.	BD Difco™	500 g
211317	<b>Kligler Iron Agar</b> 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.	BD BBL™	500 g
290010	<b>Lactobacilli Agar AOAC</b> Used for maintaining stock cultures for microbiological assays of vitamins and amino acids.	BD Difco™	100 g
290110	<b>Lactobacilli Broth AOAC</b> Used for preparing inocula for microbiological assays of vitamins and amino acids.	BD Difco™	100 g
288210	<b>Lactobacilli MRS Agar</b> For use in the isolation, enumeration, and cultivation of <i>Lactobacillus</i> species.	BD Difco™	500 g

Cat. No.	Description	Brand	Quantity
288130	<b>Lactobacilli MRS Broth</b>	BD Difco™	500 g
288110	For use in the isolation, enumeration, and cultivation of <i>Lactobacillus</i> species.	BD Difco™	2 kg
288120		BD Difco™	10 kg
243000	<b>Lactose Broth</b>	BD Difco™	100 g
211835	Used for detection of the presence of coliform organisms, as a pre-enrichment broth for salmonellae and in the study of lactose fermentation of bacteria in general.	BD Difco™	500 g
241000		BD Difco™	2 kg
242000		BD Difco™	10 kg
215620	<b>Lactose Monohydrate</b>	BD Difco™	500 g
215610	Used as a filler or diluent in tablets, capsules and lyophilized products.	BD Difco™	10 kg
266520	<b>Lactose Peptone Broth</b>	BD Difco™	500 g
266510	Detection of coliform organisms in water.	BD Difco™	10 kg
215920	<b>L-Arabinose</b> Carbohydrate; For use in microbiological culture media in the study of fermentation reactions of bacteria. It is usually employed at a concentration of 0.5 to 1.0% in fermentation media.	BD Difco™	100 g
211338	<b>Lauryl Sulfate Broth</b> Known also as Lauryl Sulfate Tryptose (LST) Broth. Used for the detection of coliform organisms in materials of sanitary importance.	BD BBL™	500 g
298076	<b>Lauryl Sulfate Broth with MUG</b> Known also as Lauryl Sulfate Tryptose Broth with MUG (LST-MUG). Used for the detection of <i>Escherichia coli</i> in water, food, and dairy samples by a fluorogenic procedure.	BD BBL™	500 g
224150	<b>Lauryl Tryptose Broth</b>	BD Difco™	500 g
224120	Lauryl Tryptose Broth Medium. For the detection of coliform organisms in water and wastewater.	BD Difco™	2 kg
211740	<b>Lauryl Tryptose Broth with MUG</b>	BD Difco™	100 g
211744	With 4-Methylumbelliferyl-β-D-glucuronid for fluorogenic testing. Use for the fluorogenic detection of <i>E. coli</i> in water, food, and milk.	BD Difco™	500 g
240110	<b>LB Agar (Lennox)</b> 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.	BD Difco™	500 g
244520	<b>LB Agar (Miller)</b>	BD Difco™	500 g
244510	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 synthesize.	BD Difco™	2 kg
240230	<b>LB Broth (Lennox)</b>	BD Difco™	500 g
240210	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 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.	BD Difco™	2 kg
244620	<b>LB Broth (Miller)</b>	BD Difco™	500 g
244610	LB (Luria-Bertani) Broth, Miller is used for maintaining and propagating <i>Escherichia coli</i> in molecular microbiology procedures.	BD Difco™	2 kg

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Cat. No.	Description	Brand	Quantity
211327	<b>LBS Agar</b> Lactobacillus Selection Agar is used for the selective isolation and enumeration of lactobacilli.	BD BBL™	500 g
211331	<b>LBS Broth</b> Lactobacillus Selection Broth. Use for the isolation and cultivation of lactobacilli species.	BD BBL™	500 g
279410	<b>Leptospira Medium Base EMJH</b> Use with Leptospira Enrichment EMJH (Cat. No. 279510) to cultivate and maintain <i>Leptospira</i> .	BD Difco™	500 g
268010	<b>Letheen Agar</b> Used to inactivate quaternary ammonium compounds and other preservatives when determining the number of bacteria present in cosmetics and other materials.	BD Difco™	500 g
263110	<b>Letheen Agar, Modified</b>	BD Difco™	500 g
292847	Used for the microbiological testing of cosmetics.	BD Difco™	2 kg
268110	<b>Letheen Broth</b> Use for determining the phenol coefficient of cationic surface-active materials.	BD Difco™	500 g
263010	<b>Letheen Broth, Modified</b> Microbiological evaluation of cosmetics; inactivates preservative agents.	BD Difco™	500 g
211221	<b>Levine EMB Agar</b> Levine Eosin Methylene Blue Agar is a slightly selective and differential plating medium for the isolation of Gram-negative enteric bacteria.	BD BBL™	500 g
222220	<b>Listeria Enrichment Broth</b>	BD Difco™	500 g
222210	Selective enrichment for <i>L. monocytogenes</i> from non-dairy and processed food products.	BD Difco™	10 kg
220530	<b>Listeria Enrichment Broth, Modified</b>	BD Difco™	500 g
245152	Used for selectively enriching <i>Listeria</i> from raw and pasteurized milk according to the International Dairy Federation (IDF).	BD Difco™	2 kg
211343	<b>Litmus Milk</b> Litmus Milk is used for the maintenance of lactic acid bacteria and as a differential medium for determining the action of bacteria on milk.	BD BBL™	500 g
213320	<b>Liver (Desiccated Powder)</b> Desiccated powder of beef liver. Liver is prepared from large quantities of carefully trimmed fresh 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. One hundred thirty-five (135) grams of desiccated liver are equivalent to 500 grams of fresh liver.	BD Difco™	500 g
252100	<b>Liver Infusion Agar</b> Cultivation of <i>Brucella</i> , anaerobes, and other pathogens.	BD Difco™	500 g
226920	<b>Liver Infusion Broth</b> Use for cultivating a variety of organisms, particularly <i>Brucella</i> and anaerobes.	BD Difco™	500 g
259100	<b>Liver Veal Agar</b> For the cultivation of anaerobic bacteria.	BD Difco™	500 g
244420	<b>Loewenstein Medium Base</b> Media for the growth and recovery of mycobacteria. Can be used with glycerol to prepare a variety of coagulated egg media.	BD Difco™	500 g
222120	<b>LPM Agar Base</b> Used with Listeria Selective Supplement (Cat. No. 212402) for isolating and cultivating <i>Listeria monocytogenes</i> .	BD Difco™	500 g
241320	<b>Luria Agar Base (Miller)</b>	BD Difco™	500 g

Cat. No.	Description	Brand	Quantity
211829	Used for maintaining and propagating <i>Escherichia coli</i> in molecular microbiology procedures with or without added glucose. Nutritionally rich medium designed for growth of pure cultures of recombinant strains, based on the Luria agar and broth formulae described by Miller. Contains one-tenth and one-twentieth, respectively of the sodium chloride level of the LB Agar Lennox and LB Agar, Miller formulations. This allows the researcher to select the optimal salt concentration for a specific strain. The medium may be aseptically supplemented with glucose, if desired.	BD Difco™	2 kg
241420	<b>Luria Broth Base (Miller)</b>	BD Difco™	500 g
241410	Luria Broth Base, Miller is used for maintaining and propagating <i>Escherichia coli</i> in molecular microbiology procedures with or without added glucose.	BD Difco™	2 kg
211759	<b>Lysine Decarboxylase Broth</b> Used for differentiating microorganisms based on lysine decarboxylation.	BD Difco™	500 g
284920	<b>Lysine Iron Agar</b>	BD Difco™	500 g
211363	Used for the differentiation of enteric organisms based on their ability to decarboxylate or deaminate lysine and to form hydrogen sulfide.	BD BBL™	500 g
294020	<b>M Broth</b> BD Difco™ M Broth is used for cultivating <i>Salmonella</i> in foods and feeds by the accelerated enrichment serology (ES) procedure.	BD Difco™	500 g
273610	<b>m Endo Agar LES</b>	BD Difco™	100 g
273620	LES = Lawrence Experimental Station. Used for the enumeration of coliforms in water by the membrane filter technique.	BD Difco™	500 g
274930	<b>m Endo Broth MF™</b> Used for enumerating coliform organisms in water by membrane filtration.	BD Difco™	500 g
274610	<b>m Enterococcus Agar</b>	BD Difco™	100 g
274620	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.	BD Difco™	500 g
267710	<b>m FC Agar</b>	BD Difco™	100 g
267720	Use with Rosolic Acid. For detection and enumeration of fecal coliforms by the membrane filter technique at elevated temperatures.	BD Difco™	500 g
288320	<b>m FC Broth Base</b>	BD Difco™	100 g
288330	Use with Rosolic Acid. For detection and enumeration of fecal coliforms by the membrane filter technique at elevated temperatures.	BD Difco™	500 g
275220	<b>m HPC Agar</b> Used for enumerating heterotrophic organisms in treated potable water and other water samples with low counts by membrane filtration.	BD Difco™	500 g
275120	<b>m Plate Count Broth</b> Used for enumerating microorganisms by membrane filtration.	BD Difco™	500 g
264920	<b>m Staphylococcus Broth</b> Used for isolating staphylococci by the membrane filtration technique.	BD Difco™	500 g
233410	<b>mTEC Agar</b> mTEC Agar is used for isolating, differentiating and rapidly enumerating thermotolerant <i>Escherichia coli</i> from water by membrane filtration and an in situ urease test.	BD Difco™	100 g
275020	<b>m TGE Broth</b> m TGE Broth, also known as membrane Tryptone Glucose Extract Broth, is used for enumerating microorganisms by membrane filtration.	BD Difco™	500 g
218571	<b>M17 Agar</b> Use for the cultivation and isolation of mesophilic lactic streptococci and for the selection of <i>Streptococcus thermophilus</i> from yogurt, cheese starters, and other dairy products.	BD Difco™	500 g

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Cat. No.	Description	Brand	Quantity
218561	<b>M17 Broth</b> Used for isolating lactic streptococci from yogurt, cheese starters, and other dairy products.	BD Difco™	500 g
248510	<b>M9 Minimal Salts (5×)</b> Used in preparing M9 Minimal Medium which is used for cultivating recombinant strains of <i>Escherichia coli</i> . M9 Minimal Salts, 5× is a 5× concentrate that is diluted to a 1× 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'-containing bacteria for use with M13. The medium can be supplemented with specific amino acids or other metabolites, allowing for selection of specific auxotrophs.	BD Difco™	500 g
212123	<b>MacConkey Agar</b>	BD Difco™	500 g
212122	For differential isolation of Gram-negative enteric bacilli based on lactose fermentation.	BD Difco™	2 kg
275300		BD Difco™	10 kg
211387		BD BBL™	500 g
211390		BD BBL™	2.3 kg
211391		BD BBL™	11.3 kg
281810	<b>MacConkey Agar Base</b> Prepared without carbohydrates for coliform fermentation studies.	BD Difco™	500 g
247010	<b>MacConkey Agar without Crystal Violet</b>	BD Difco™	500 g
211393	Less selective than MacConkey Agar, to permit growth of staphylococci and enterococci.	BD BBL™	500 g
294584	<b>MacConkey Agar without Crystal Violet or Salt</b> For the isolation and differentiation of enteric organisms.	BD BBL™	500 g
233120	<b>MacConkey Agar without Salt</b>	BD Difco™	500 g
233110	Restricts the swarming of most <i>Proteus</i> sp., facilitating Gram-negative bacilli isolation.	BD Difco™	10 kg
220100	<b>MacConkey Broth</b> Selective medium for detection of Gram-negative, lactose fermenting coliforms in water and foods.	BD Difco™	500 g
212306	<b>MacConkey II Agar</b> Isolation of Gram-negative enteric bacilli from specimens that may contain swarming strains of <i>Proteus</i> .	BD BBL™	500 g
279100	<b>MacConkey Sorbitol Agar</b> Isolation and differentiation of enteropathogenic <i>E. coli</i> serotypes.	BD Difco™	500 g
239520	<b>Malonate Broth</b> Differentiation of <i>Enterobacter</i> from <i>Escherichia</i> on the basis of malonate utilization.	BD Difco™	500 g
211399	<b>Malonate Broth, Ewing Modified</b> Use for the differentiation of coliforms and other enteric organisms.	BD BBL™	500 g
224200	<b>Malt Agar</b>	BD Difco™	500 g
224100	Use for isolating and cultivating yeasts and molds from food, and for cultivating yeast and mold stock cultures.	BD Difco™	10 kg
211401		BD BBL™	500 g
211220	<b>Malt Extract Agar</b> Isolation, detection, and enumeration of yeasts and molds.	BD Difco™	500 g
211320	<b>Malt Extract Broth</b> Used for cultivating yeasts and molds.	BD Difco™	500 g
216830	<b>Maltose</b> Carbohydrate; maltose (+), monohydrate. For use in microbiological culture media in the study of fermentation reactions of bacteria. It is usually employed at a 0.5 to 1.0% concentration in fermentation media.	BD Difco™	500 g

Cat. No.	Description	Brand	Quantity
211407	<b>Mannitol Salt Agar</b>	BD BBL™	500 g
211410	Used for the selective isolation and enumeration of staphylococci from clinical and non-clinical materials.	BD BBL™	2.3 kg
293689		BD BBL™	11.3 kg
212185	<b>Marine Agar 2216</b> Isolation, cultivation, and enumeration of heterotrophic marine bacteria.	BD Difco™	500 g
279110	<b>Marine Broth 2216</b>	BD Difco™	500 g
214907	For the cultivation of heterotrophic marine bacteria.	BD Difco™	10 kg
218971	<b>Maximum Recovery Diluent</b> Isotonic diluent containing a low level of peptone used for maintaining the viability of organisms during dilution procedures.	BD Difco™	500 g
294110	<b>McClung Toabe Agar Base</b> Use with Egg Yolk Enrichment 50% (Cat. Nos. 233472 and 233471) for the detection and isolation of <i>Clostridium perfringens</i> from foods based on the lecithinase reaction.	BD Difco™	500 g
214881	<b>m EI Agar</b> m EI Agar is a selective culture medium used for the chromogenic detection and enumeration of enterococci in water by the single-step membrane filtration technique. It conforms with U.S. Environmental Protection Agency (USEPA) Approved Method 1600: “Enterococci in Water by Membrane Filtration Using membrane-Enterococcus Indoxyl-β-D-Glucoside Agar (m EI)”.	BD Difco™	500 g
217310	<b>Melibiose</b> Carbohydrate; Melibiose (+), monohydrate, neither D nor L.	BD Difco™	10 g
211287	<b>M-Green Yeast and Mold Broth</b> Used for the detection of fungi in the routine analysis of beverages.	BD BBL™	500 g
214882	<b>MI Agar</b>	BD Difco™	100 g
214883	MI Agar is a chromogenic/fluorogenic medium used to detect and enumerate <i>Escherichia coli</i> and total coliforms in drinking water by the membrane filtration technique. It conforms with U.S. Environmental Protection Agency (USEPA) Approved Method 1604: “Total Coliforms and <i>E. coli</i> in Water by Membrane Filtration Using a Simultaneous Detection Technique (MI Medium)”.	BD Difco™	500 g
231920	<b>Micro Assay Culture Agar</b> For the cultivation of lactobacilli and other organisms used in the microbiological analysis of vitamins and amino acids.	BD Difco™	500 g
211813	<b>Micro Inoculum Broth</b> Used for preparing the inoculum of lactobacilli and other microorganisms used in microbiological assays of vitamins and amino acids.	BD Difco™	500 g
255320	<b>Microbial Content Test Agar</b>	BD Difco™	500 g
255310	Microbial Content Test Agar = Tryptic Soy Agar with Lecithin and Polysorbate 80, is recommended for the detection and enumeration of microorganisms present on surfaces of sanitary importance.	BD Difco™	2 kg
271310	<b>Middlebrook 7H9 Broth</b> For cultivation of mycobacteria and preparation of tubercle emulsion for susceptibility testing. Middlebrook ADC Enrichment (Cat. Nos. 211887 or 212352) and Glycerol or Polysorbate 80 must be added to the broth before use.	BD Difco™	500 g
262710	<b>Middlebrook 7H10 Agar</b> 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.	BD Difco™	500 g

Cat. No.	Description	Brand	Quantity
212203	<b>Middlebrook 7H11 Agar Base</b> 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.	BD BBL™	500 g
218041	<b>MIL Medium</b> Used for differentiating <i>Enterobacteriaceae</i> based on motility, lysine decarboxylation, lysine deamination, and indole production.	BD Difco™	500 g
218591	<b>Milk Agar</b> 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.	BD Difco™	500 g
254410	<b>Minimal Agar Davis</b> Used for isolating and characterizing nutritional mutants of <i>Escherichia coli</i> .	BD Difco™	500 g
275610	<b>Minimal Broth Davis without Dextrose</b> Use with added dextrose to isolate and characterize nutritional mutants of <i>Escherichia coli</i> and <i>Bacillus subtilis</i> .	BD Difco™	500 g
273520	<b>MIO Medium</b> Motility Indole Ornithine (MIO) Medium is used to demonstrate motility, indole production, and ornithine decarboxylase activity for the differentiation of <i>Enterobacteriaceae</i> .	BD Difco™	500 g
229810	<b>Mitis Salivarius Agar</b> Mitis Salivarius Agar is used with BD BBL™ Tellurite Solution 1% (Cat. No. 215294) in isolating <i>Streptococcus mitis</i> , <i>S. salivarius</i> , and enterococci, particularly from grossly contaminated specimens.	BD Difco™	500 g
286910	<b>Motility GI Medium</b> Semi-solid gelatin heart infusion medium for detecting motility of microorganisms and for separating organisms in their motile phase.	BD Difco™	500 g
211436	<b>Motility Test Medium</b> For the determination of motility of Gram-negative enteric bacilli.	BD BBL™	500 g
298153	<b>M-PA-C Agar</b> For the selective recovery and enumeration of <i>Pseudomonas aeruginosa</i> from water.	BD BBL™	500 g
211383	<b>MR-VP Broth</b> MR-VP Broth (Methyl Red Voges-Proskauer Broth, also known as Buffered Peptone-Glucose Broth) is used for the differentiation of bacteria by means of the methyl red and Voges-Proskauer reactions.	BD BBL™	500 g
216300	<b>MR-VP Medium</b> Methyl Red Voges-Proskauer Medium. Use for differentiating coliform organisms based on the methyl red and Voges-Proskauer tests.	BD Difco™	500 g
225250	<b>Mueller Hinton Agar</b>	BD Difco™	500 g
225220	Mueller Hinton Agar is recommended for antimicrobial disc diffusion susceptibility testing	BD Difco™	2 kg
225230	common, rapidly growing bacteria by the Bauer-Kirby method <sup>1-3</sup> as standardized by the National Committee for Clinical Laboratory Standards (NCCLS, now CLSI) and EUCAST.	BD Difco™	10 kg
275730	<b>Mueller Hinton Broth</b>	BD Difco™	500 g
275710	Mueller Hinton Broth (Not cation-adjusted). A general purpose medium that may be used in	BD Difco™	2 kg
210302	the cultivation of a wide variety of fastidious and nonfastidious microorganisms. This medium	BD Difco™	5 kg
211443	is not supplemented with calcium or magnesium ions.	BD BBL™	500 g
211438	<b>Mueller Hinton II Agar</b>	BD BBL™	500 g
211441	Recommended for antimicrobial disc diffusion susceptibility testing of common, rapidly growing	BD BBL™	2.3 kg
212257	bacteria by the Kirby-Bauer method.	BD BBL™	10.3 kg

Cat. No.	Description	Brand	Quantity
212322	<b>Mueller Hinton II Broth</b> 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.	BD BBL™	500 g
283810	<b>Mycobacteria 7H11 Agar</b> 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.	BD Difco™	500 g
240520	<b>Mycological Agar</b> Mycological media are used for the cultivation and maintenance of fungi, for the demonstration of chromogenesis, and for obtaining yeast and mold counts.	BD Difco™	500 g
211456	<b>Mycoplasma Agar Base (PPLO Agar)</b> PPLO (Pleuropneumonia-like organism)(Mycoplasma) agars, when supplemented with nutritive enrichments (e.g. Mycoplasma Supplement, Cat. No. 283610 or Mycoplasma Enrichment without Penicillin, Cat. No. 212292), are used for isolating and cultivating <i>Mycoplasma</i> .	BD BBL™	500 g
211445	<b>Mycophil™ Agar</b> BD Mycophil™ Agar is a non-selective medium of value in general work with yeasts and molds 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.	BD BBL™	500 g
211450	<b>Mycophil™ Agar with Low pH</b> 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 sterilized and re-melted without losing its ability to solidify.	BD BBL™	500 g
212346	<b>Mycoplasma Broth Base (Frey)</b> 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 <i>Mycoplasma</i> .	BD BBL™	500 g
211458	<b>Mycoplasma Broth Base (PPLO Broth Base)</b> 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> . Use with Mycoplasma Supplement (Cat. No. 283610) or Mycoplasma Enrichment without Penicillin (Cat. No. 212292) for isolating and cultivating <i>Mycoplasma</i> .	BD BBL™	500 g
211462	<b>Mycosel™ Agar</b> 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.	BD BBL™	500 g
281010	<b>MYP Agar</b> 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.	BD Difco™	500 g
232210	<b>Niacin Assay Medium</b> Microbiological assay of niacin. Use to determine niacin concentration by the microbiological assay technique.	BD Difco™	100 g

# Dehydrated Culture Media and Additives

# 1.1

Cat. No.	Description	Brand	Quantity
225710	<b>NIH Thioglycollate Broth (USP Alternative Thioglycollate Medium)</b> 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.	BD Difco™	500 g
236210	<b>Neutralizing Buffer</b> Neutralizing Buffer is recommended for detection of microorganisms found on dairy and food equipment disinfected with chlorine or quaternary ammonium compounds.	BD Difco™	100 g
226810	<b>Nitrate Broth</b> Recommended as an aid in the identification of aerobic and facultative anaerobic Gram-negative microorganisms by means of the nitrate reduction test.	BD Difco™	500 g
212000	<b>Nutrient Agar</b>	BD Difco™	100 g
213000	General purpose medium for the cultivation and enumeration of a wide variety of microorganisms in water, sewage, feces, and other materials.	BD Difco™	500 g
211665		BD Difco™	2 kg
269100	<b>Nutrient Agar (1.5%)</b> Use to cultivate a variety of microorganisms. Can be used with the addition of blood or other enrichment for the cultivation of fastidious microorganisms.	BD Difco™	500 g
263410	<b>Nutrient Agar (pH 6.0)</b> General purpose medium for cultivation of microorganisms requiring a slightly acidic pH.	BD Difco™	500 g
223100	<b>Nutrient Agar with MUG</b>	BD Difco™	100 g
223200	Fluorogenic assay for the detection and enumeration of <i>E. coli</i> in water.	BD Difco™	500 g
233000	<b>Nutrient Broth</b>	BD Difco™	100 g
234000	Use for the cultivation of many species of nonfastidious microorganisms.	BD Difco™	500 g
231000		BD Difco™	2 kg
232000		BD Difco™	10 kg
211100	<b>Nutrient Gelatin</b> Used for the detection of gelatin liquefaction by microbial species.	BD Difco™	500 g
240410	<b>NZCYM Broth</b> For cultivation of molecular genetic strains of <i>E. coli</i> in replication of recombinant $\lambda$ bacteriophage.	BD Difco™	500 g
241510	<b>NZYM Broth</b> Similar to NZCYM without Casamino Acids.	BD Difco™	500 g
255210	<b>Oatmeal Agar</b> Use for cultivating fungi, particularly for macrospore formation.	BD Difco™	500 g
268820	<b>OF Basal Medium</b> 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.	BD Difco™	500 g
218111	<b>OGYE Agar Base</b> Oxytetracycline Glucose Yeast Extract Agar Base. After addition of oxytetracycline for isolation and enumeration of yeast and molds in foods.	BD Difco™	500 g
211486	<b>Orange Serum Agar</b> Cultivation of aciduric microorganisms, particularly those associated with spoilage of citrus products.	BD BBL™	500 g
222530	<b>Oxford Medium Base</b> Oxford Medium Base is used with Modified Oxford Antimicrobial Supplement (Cat. No. 211763) for isolating and differentiating <i>Listeria monocytogenes</i> .	BD Difco™	500 g

Cat. No.	Description	Brand	Quantity
212820	<b>Oxgall</b> 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. The major components of Oxgall are taurocholic and glycocholic acids.	BD Difco™	500 g
263620	<b>PALCAM Medium Base</b> PALCAM Medium Base is used with PALCAM Antimicrobial Supplement (Cat. No. 263710) in isolating and cultivating <i>Listeria</i> , particularly from foods and milk products.	BD Difco™	500 g
260410	<b>Pantothenate Assay Medium</b> Microbiological assay of pantothenate. Use to determine the concentration of pantothenic acid and its salts by the microbiological assay technique.	BD Difco™	100 g
281610	<b>Pantothenate Medium AOAC</b> Microbiological assay of pantothenate. Use for determining the concentration of pantothenic acid and pantothenate by the microbiological assay technique.	BD Difco™	100 g
289100	<b>Peptone Iron Agar</b> Use as an indicator of hydrogen sulfide production by microorganisms.	BD Difco™	500 g
218071	<b>Peptone Water</b> Minimal medium for cultivation of non-fastidious organisms, for studying carbohydrate fermentation patterns, and for performing the indole test.	BD Difco™	500 g
211502	<b>Phenol Red Agar Base</b> Use with added carbohydrates in differentiating pure cultures of microorganisms based on fermentation reactions.	BD BBL™	500 g
211506	<b>Phenol Red Broth Base</b> Use with added carbohydrates for the accurate determination of fermentation reactions in the differentiation of microorganisms.	BD BBL™	500 g
211514	<b>Phenol Red Dextrose Broth</b> Determination of the ability of microorganisms to ferment dextrose.	BD BBL™	500 g
211519	<b>Phenol Red Lactose Broth</b> Determination of the ability of microorganisms to ferment lactose.	BD BBL™	500 g
210310	<b>Phenol Red Mannitol Agar</b> Used for differentiating pure cultures of bacteria based on mannitol fermentation reactions.	BD Difco™	500 g
211527	<b>Phenol Red Mannitol Broth</b> Used to measure the ability of an organism to ferment mannitol.	BD BBL™	500 g
211533	<b>Phenol Red Sucrose Broth</b> Used for determining the ability of microorganisms to ferment sucrose.	BD BBL™	500 g
274520	<b>Phenylalanine Agar</b>	BD Difco™	500 g
211537	Used for the differentiation of enteric bacilli on the basis of their ability to produce phenylpyruvic acid by oxidative deamination.	BD BBL™	500 g
211539	<b>Phenylethyl Alcohol Agar</b> Selective medium for the isolation of Gram-positive organisms, particularly Gram-positive cocci, from specimens of mixed Gram-positive and Gram-negative flora.	BD BBL™	500 g
211546	<b>Phytone™ Yeast Extract Agar</b> Use for the selective isolation of dermatophytes, particularly <i>Trichophyton verrucosum</i> and other pathogenic fungi from routine clinical specimens.	BD BBL™	500 g

Cat. No.	Description	Brand	Quantity
247930	<b>Plate Count Agar</b>	BD Difco™	100 g
247940	Used for obtaining microbial plate counts from milk and dairy products, foods, water, and other materials of sanitary importance.	BD Difco™	500 g
247910		BD Difco™	2 kg
231181	<b>Polysorbate 80</b> Polysorbate 80; is used to prepare 2% Polysorbate 80, which acts as a dispersing agent.	BD Difco™	100 g
213300	<b>Potato Dextrose Agar</b>	BD Difco™	100 g
213400	Use for culturing yeasts and molds from food and dairy products.	BD Difco™	500 g
213200		BD Difco™	2 kg
254920	<b>Potato Dextrose Broth</b> For the cultivation of yeasts and molds.	BD Difco™	500 g
251100	<b>Potato Infusion Agar</b> Use to cultivate <i>Brucella</i> , especially in mass cultivation procedures.	BD Difco™	500 g
241210	<b>PPLO Agar (Mycoplasma Agar)</b> PM Indicator Agar. Penicillin in Milk Assay. Use with Mycoplasma Supplement (Cat. No. 283610) or with Mycoplasma Enrichment without Penicillin (Cat. No. 212292) for isolating and cultivating <i>Mycoplasma</i> .	BD Difco™	500 g
255420	<b>PPLO Broth (Mycoplasma Broth)</b> When supplemented with nutritive enrichments, used for isolating and cultivating <i>Mycoplasma</i> .	BD Difco™	500 g
292737	<b>PPLO Base without Crystal Violet (CV)</b> Is recommended as a basal broth medium for the enrichment of pleuro-pneumonia-like-organisms (PPLO).	BD Difco™	10 kg
219200	<b>Presence-Absence Broth</b> One step method for presumptive identification of coliforms in treated water from water treatment plants or distribution systems.	BD Difco™	500 g
265100	<b>Proteose No. 3 Agar</b> Use with added enrichment for the isolation and cultivation of <i>Neisseria</i> and <i>Haemophilus</i> . When enriched with Hemoglobin and Supplement B (Cat. No. 227610) Proteose No. 3 Agar recovers gonococci in a manner comparable to more complex media, ranking only slightly lower than GC media at 24 hours. The growth rate of <i>Neisseria</i> and <i>Haemophilus</i> spp. may be improved with the addition of 1% Supplement B or VX (Cat. Nos. 233542 and 233541), which provide the growth factors glutamine and cocarboxylase.	BD Difco™	500 g
244820	<b>Pseudomonas Agar F</b> Pseudomonas Agar F, also known as Flo Agar, is used for the enhancement of fluorescin production by <i>Pseudomonas</i> .	BD Difco™	500 g
244910	<b>Pseudomonas Agar P</b> Pseudomonas Agar P, also known as Tech Agar, is used for the enhancement of pyocyanin production by <i>Pseudomonas</i> .	BD Difco™	500 g
292710	<b>Pseudomonas Isolation Agar</b> Use with added Glycerol in isolating <i>Pseudomonas</i> and in differentiating <i>Pseudomonas aeruginosa</i> from other pseudomonads based on pigment formation.	BD Difco™	500 g
285420	<b>Pseudosel™ Agar / Cetrimide Agar Base</b> Used for the selective isolation and identification of <i>Pseudomonas aeruginosa</i> .	BD Difco™	500 g
222810	<b>Purple Agar Base</b> Use with added carbohydrate in differentiating pure cultures of bacteria, particularly of enteric organisms, based on fermentation reactions.	BD Difco™	500 g

Cat. No.	Description	Brand	Quantity
211558	<b>Purple Broth Base</b> Use with added carbohydrate in differentiating pure cultures of bacteria, particularly of enteric organisms, based on fermentation reactions.	BD BBL™	500 g
295110	<b>Pyridoxine Y Medium</b> Used for determining pyridoxine concentration by the microbiological assay technique.	BD Difco™	100 g
218262	<b>R2A Agar</b>	BD Difco™	100 g
218263	Used for enumerating heterotrophic organisms in treated potable water.	BD Difco™	500 g
218261		BD Difco™	2 kg
217410	<b>Raffinose</b> Carbohydrate; D-Raffinose, pentahydrate.	BD Difco™	100 g
218671	<b>Raka-Ray No. 3 Medium</b> Recommended for the isolation of lactic acid bacteria encountered in the beer-brewing process.	BD Difco™	500 g
218681	<b>Rappaport-Vassiliadis Medium (MRSV), Modified (Semisolid)</b> Use with Novobiocin Antimicrobial Supplement (Cat. No. 231971) for the rapid detection of motile <i>Salmonella</i> in feces and food products.	BD Difco™	500 g
214943	<b>Rappaport-Vassiliadis Salmonella (RSV) Soy Broth</b> Used for selectively enriching <i>Salmonella</i> in food and in environmental samples. Meets USP, EP and JP performance specifications, where applicable.	BD Difco™	500 g
218581	<b>Rappaport-Vassiliadis R10 Broth</b> Selective enrichment of <i>Salmonella</i> from meat and dairy products, feces and sewage polluted water, and other materials.	BD Difco™	500 g
298123	<b>Regan-Lowe Charcoal Agar Base</b> A selective medium used for isolation of <i>Bordetella pertussis</i> from clinical specimens.	BD BBL™	500 g
218081	<b>Reinforced Clostridial Medium (RCM)</b> Use for the cultivation and enumeration of anaerobes, particularly <i>Clostridia</i> , and other species of bacteria from foods and clinical specimens.	BD Difco™	500 g
217510	<b>Rhamnose</b>	BD Difco™	25 g
217520	Carbohydrate.	BD Difco™	100 g
232510	<b>Riboflavin Assay Medium</b> Use for determining riboflavin concentration by the microbiological assay technique.	BD Difco™	100 g
211567	<b>Rice Extract Agar</b> Use for the promotion of chlamydo-spore formation by <i>Candida albicans</i> and <i>C. stellatoidea</i> as a means of differentiating them from other <i>Candida</i> species.	BD BBL™	100 g
248020	<b>Rogosa SL Agar</b> Use for the selective cultivation of oral, vaginal, and fecal lactobacilli.	BD Difco™	500 g
247810	<b>Rogosa SL Broth</b> Use for the selective cultivation of oral, vaginal, and fecal lactobacilli.	BD Difco™	500 g
218312	<b>Rose Bengal Agar Base</b> Use with Rose Bengal Antimicrobial Supplement (Cat. No. 214904) for selective isolation and enumeration of yeasts and molds from foods, dairy products, and the environment.	BD Difco™	500 g
274720	<b>Sabouraud Agar, Modified</b>	BD Difco™	500 g
274710	Used in qualitative procedures for cultivation of dermatophytes and other pathogenic and nonpathogenic fungi from clinical and non-clinical specimens.	BD Difco™	2 kg
279720	<b>Sabouraud Brain Heart Infusion Agar Base</b> Use with chloromycetin and blood (optional) in cultivation and isolation of pathogenic fungi.	BD Difco™	500 g

Cat. No.	Description	Brand	Quantity
210940	<b>Sabouraud Dextrose Agar</b>	BD Difco™	100 g
210950	Sabouraud Dextrose Agar is used in qualitative procedures for cultivation of pathogenic and nonpathogenic fungi, particularly dermatophytes. The medium is rendered more selective for fungi by the addition of antimicrobics.	BD Difco™	500 g
211661		BD Difco™	2 kg
210930		BD Difco™	10 kg
211584		BD BBL™	500 g
211585		BD BBL™	2.3 kg
238230	<b>Sabouraud Dextrose Broth</b>	BD Difco™	500 g
238210	Used for cultivation of yeasts, molds, and aciduric microorganisms.	BD Difco™	2 kg
211020	<b>Sabouraud Maltose Agar</b>	BD Difco™	500 g
	Modification of Sabouraud Dextrose Agar (maltose substituted for dextrose) used for the cultivation of yeasts, molds, and aciduric microorganisms. With 4% Maltose, pH 5,6.		
242910	<b>Sabouraud Maltose Broth</b>	BD Difco™	500 g
	Modification of Sabouraud Dextrose Broth (maltose substituted for dextrose) used for the cultivation of yeasts, molds, and aciduric microorganisms. With 4% Maltose, pH 5,6.		
264210	<b>Sabouraud Medium, Fluid</b>	BD Difco™	500 g
	Use for cultivating yeasts, molds, and aciduric microorganisms and for detecting yeasts and molds in normally sterile materials.		
217610	<b>Saccharose</b>	BD Difco™	500 g
	Carbohydrate; D-Saccharose, Sucrose.		
217720	<b>Salicin</b>	BD Difco™	100 g
274500	<b>Salmonella Shigella Agar</b>	BD Difco™	500 g
212118	SS Agar. Differentially selective medium for the isolation of pathogenic enteric bacilli, especially those belonging to the genus <i>Salmonella</i> . Not recommended for the primary isolation of <i>Shigella</i> .	BD Difco™	2 kg
211597		BD BBL™	500 g
211600		BD BBL™	2.3 kg
293306		BD BBL™	11.3 kg
271510	<b>SBG Sulfa Enrichment</b>	BD Difco™	500 g
	Selenite Brilliant Green Sulfa Enrichment is a selective enrichment for the isolation of <i>Salmonella</i> . With 0.1% Sulfapyridin. SBG Sulfa Enrichment is used for enriching <i>Salmonella</i> prior to isolation procedures. Use with: BG Sulfa Agar (Cat. No. 271710).		
212189	<b>Schaedler Agar</b>	BD BBL™	500 g
	Use with or without blood for the cultivation and enumeration of anaerobic and aerobic microorganisms.		
212191	<b>Schaedler Broth</b>	BD BBL™	100 g
	Use for cultivating anaerobic and aerobic microorganisms with or without added blood or enrichment.		
212485	<b>Select APS™ Super Broth Base</b>	BD Difco™	500 g
	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. Its physical characteristics: a tan, free-flowing powder.		
227540	<b>Selenite Broth</b>	BD Difco™	500 g
	Used as an enrichment medium for the isolation of <i>Salmonella</i> from feces, urine, water, foods, and other materials of sanitary importance.		
268740	<b>Selenite Cystine Broth</b>	BD Difco™	500 g
	Used as a selective enrichment medium for the isolation of <i>Salmonella</i> from feces, foods, pharmaceutical articles, water, and other materials of sanitary importance. L-cystine is incorporated to improve the recovery of <i>Salmonella</i> .		

Cat. No.	Description	Brand	Quantity
231510	<b>SF Medium</b>	BD Difco™	500 g
	SF (Streptococcus Faecalis) Medium is used for the differentiation of <i>Enterococcus</i> species from the <i>Streptococcus bovis</i> group and other streptococci.		
281110	<b>SFP Agar Base</b>	BD Difco™	500 g
	Shahidi Ferguson Perfringens Agar Base. TSC Agar Base. For detection and enumeration of <i>Clostridium perfringens</i> in foods use with: - Egg Yolk Enrichment 50% (Cat. Nos. 233471 and 233472) and - Antimicrobial Vial P (Cat. No. 232681) and - Antimicrobial Vial K (Cat. No. 233391)		
211578	<b>SIM Medium</b>	BD BBL™	500 g
	Sulfide Indole Motility Medium. Use for differentiating <i>Salmonella</i> and <i>Shigella</i> species based on hydrogen sulfide production, indole fermentation, and motility.		
211620	<b>Simmons Citrate Agar</b>	BD BBL™	500 g
	Differentiation and identification of Gram-negative bacteria based on citrate utilization.		
232100	<b>Skim Milk</b>	BD Difco™	500 g
	Soluble, spray-dried skim milk. When prepared in a 10% solution, it is equivalent to fresh skim milk. Use for preparing microbiological culture media and for differentiating organisms based on coagulation and proteolysis of casein.		
244310	<b>SOB Medium</b>	BD Difco™	500 g
	For cultivation of molecular genetic strains of <i>E. coli</i> .		
224820	<b>Sodium Desoxycholate</b>	BD Difco™	100 g
	Sodium Desoxycholate is the sodium salt of desoxycholic acid (a highly purified bile acid) and can be used in culture media in lower concentrations than in naturally occurring bile. As with other bile salts can be used as selective agents for the isolation of Gram-negative microorganisms, inhibiting Gram-positive organisms and spore forming bacteria.		
217820	<b>Soluble Starch</b>	BD Difco™	500 g
217810	Soluble starch improves growth response. It provides starch for hydrolysis, detoxification of metabolic byproducts, and as a carbon source.	BD Difco™	10 kg
210810	<b>Special Yeast and Mold Medium</b>	BD Difco™	500 g
	Used for isolating and cultivating yeasts and molds.		
295020	<b>Spirit Blue Agar</b>	BD Difco™	500 g
	Use with lipid source for the enumeration and detection of lipolytic microorganisms.		
284530	<b>SPS Agar</b>	BD Difco™	500 g
	Sulfite Polymyxin Sulfadiazine Agar is used for the detection and enumeration of <i>Clostridium perfringens</i> in foods and other materials.		
211638	<b>Standard Methods Agar</b>	BD BBL™	500 g
	Also known as Plate Count Agar. Use for the enumeration of bacteria in water, wastewater, food and dairy products. Also recommended as a general plating medium for determining bacterial populations.		
211643	<b>Standard Methods Agar with Lecithin and Polysorbate 80</b>	BD BBL™	500 g
	Used for the detection and enumeration of microorganisms present on surfaces that are of sanitary importance. Lecithin and Polysorbate 80 neutralize residual disinfectants from collection sites.		
229730	<b>Staphylococcus Medium 110</b>	BD Difco™	500 g
	Isolation and differentiation of pathogenic strains of <i>Staphylococcus</i> based on mannitol fermentation, pigment formation, and gelatinase activity.		

Cat. No.	Description	Brand	Quantity
272100	<b>Starch Agar</b> Use for cultivating microorganisms being tested for starch hydrolysis.	BD Difco™	500 g
254100	<b>Stock Culture Agar</b> Semi-solid medium for maintaining stock cultures of bacteria, particularly streptococci.	BD Difco™	500 g
211672	<b>Sugar Free Agar</b> For the detection and enumeration of organisms in butter and other processed dairy products.	BD BBL™	500 g
297210	<b>Sulfite Agar</b> Sulfite Agar is used for detecting thermophilic, H <sub>2</sub> S-producing anaerobes, particularly in foods.	BD Difco™	500 g
298410	<b>TAT Broth Base</b> TAT (Tryptone-Azolectin-Polysorbate) 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.	BD Difco™	500 g
292848		BD Difco™	2 kg
265020	<b>TCBS Agar</b> Thiosulfate 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.	BD Difco™	500 g
261710	<b>Tellurite Glycine Agar</b> Use with Chapman Tellurite Solution 1% (Cat. No. 215294) for the selective isolation of coagulase positive staphylococci.	BD Difco™	500 g
243820	<b>Terrific Broth</b> For cultivation of molecular genetic strains of <i>E. coli</i> formulation developed to increase plasmid yield.	BD Difco™	500 g
243810		BD Difco™	2 kg
210430	<b>Tetrathionate Broth Base</b> Used with Iodine Solution as a selective enrichment medium for the isolation of <i>Salmonella</i> from feces, urine, foods, and other materials of sanitary importance.	BD Difco™	500 g
210420		BD Difco™	2 kg
249120	<b>Tetrathionate Broth Base, Hajna (TT Broth Base, Hajna)</b> Selective enrichment for <i>Salmonella</i> from food and dairy products prior to isolation procedures.	BD Difco™	500 g
218531	<b>Tetrathionate Broth Base, Muller Kauffmann</b> Used to enrich <i>Salmonella</i> from water, foodstuffs, and fecal samples prior to selective isolation.	BD Difco™	500 g
230310	<b>Thermoacidurans Agar</b> Isolation and cultivation of <i>Bacillus coagulans</i> ( <i>Bacillus thermoacidurans</i> ) from foods.	BD Difco™	500 g
232610	<b>Thiamine Assay Medium</b> Used for determining thiamine concentration by the microbiological assay technique using <i>Lactobacillus fermentum</i> ATCC 9338.	BD Difco™	100 g
280810	<b>Thiamine Assay Medium LV</b> Used for determining thiamine concentration by the microbiological assay technique using <i>Weissella</i> ( <i>Lactobacillus</i> ) <i>viridescens</i> ATCC 12706.	BD Difco™	100 g
236310	<b>Thioglycollate Medium without Dextrose</b> Detection of a variety of microorganisms in normally sterile materials, especially those containing mercurial preservatives. May be used with added carbohydrates for fermentation studies.	BD Difco™	500 g
243210	<b>Thioglycollate Medium without Dextrose or Indicator</b> Detection of a variety of microorganisms in normally sterile materials, especially those containing mercurial preservatives. May be used with added carbohydrates for fermentation studies.	BD Difco™	500 g

Cat. No.	Description	Brand	Quantity
243010	<b>Thioglycollate Medium without Indicator</b> 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.	BD Difco™	500 g
211720	<b>Thioglycollate Medium without Indicator, 135C</b> Enriched general-purpose medium for the recovery of a wide variety of microorganisms, particularly obligate anaerobes, from clinical specimens and other materials.	BD BBL™	500 g
211716	<b>Thioglycollate Medium, Brewer Modified</b> Use for the cultivation of obligate anaerobes, microaerophiles, and facultative organisms.	BD BBL™	500 g
225640	<b>Thioglycollate Medium, Fluid</b> FTM is used to detect microorganisms in normally sterile materials.	BD Difco™	100 g
225650		BD Difco™	500 g
225620		BD Difco™	2 kg
225630		BD Difco™	10 kg
211260		BD BBL™	500 g
211264	BD BBL™	11.3 kg	
269710	<b>Thioglycollate Medium, Fluid with Beef Extract</b> Use to cultivate microorganisms from normally sterile biological products.	BD Difco™	10 kg
211727	<b>Thioglycollate Medium, Fluid without Dextrose or Eh Indicator</b> Use for fermentation studies, especially with anaerobic organisms.	BD BBL™	500 g
243420	<b>Thiol Broth</b> Used for cultivating organisms from body fluids and other materials containing penicillin, streptomycin, or sulfonamides.	BD Difco™	500 g
278610	<b>Tinsdale Agar Base</b> Tinsdale Agar Base is used with Tinsdale Enrichment Desiccated (Cat. No. 234210) in isolating and differentiating <i>Corynebacterium diphtheriae</i> .	BD Difco™	500 g
249240	<b>Todd Hewitt Broth</b> 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.	BD Difco™	500 g
249210		BD Difco™	2 kg
249220		BD Difco™	10 kg
211794	<b>Tomato Juice Agar</b> Cultivation and enumeration of <i>Lactobacillus</i> species, especially <i>Lactobacillus acidophilus</i> .	BD Difco™	500 g
238910	<b>Tomato Juice Agar (Special)</b> Tomato Juice Agar Special is used for cultivating and enumerating lactobacilli and other acidophilic microorganisms from saliva and other specimens.	BD Difco™	500 g
251720	<b>Tomato Juice Broth</b> Used in the cultivation of yeasts and other aciduric microorganisms.	BD Difco™	500 g
251710		BD Difco™	10 kg
211743	<b>Transport Medium (Stuart, Toshach and Patsula)</b> Use for the transportation of swab specimens for the recovery of a wide variety of microorganisms, including gonococci.	BD BBL™	500 g
218010	<b>Trehalose</b> Carbohydrate; dihydrate.	BD Difco™	10 g
287710	<b>Trichophyton Agar 1</b> Trichophyton Agars are differential media used in the presumptive identification of <i>Trichophyton</i> species based on nutritional requirements. Contains Dextrose.	BD Difco™	500 g
287410	<b>Trichophyton Agar 2</b> Contains Inositol and Dextrose.	BD Difco™	500 g



Cat. No.	Description	Brand	Quantity
296510	<b>Trichophyton Agar 3</b> Contains Inositol, Thiamine and Dextrose.	BD Difco™	500 g
219710	<b>Trichophyton Agar 4</b> Contains Thiamine and Dextrose.	BD Difco™	500 g
252410	<b>Trichophyton Agar 6</b> Contains Ammonium Nitrate and Dextrose.	BD Difco™	500 g
295510	<b>Trichophyton Agar 7</b> Contains Histidine.	BD Difco™	500 g
211747	<b>Trichosel™ Broth, Modified</b> For the isolation and cultivation of <i>Trichomonas</i> species.	BD BBL™	500 g
226540	<b>Triple Sugar Iron Agar</b> 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 sulfide.	BD Difco™	500 g
236950	<b>Tryptic Soy Agar</b>	BD Difco™	500 g
236920	TSA. Soybean-Casein Digest Agar Medium, EP/USP/JP. Cultivation and isolation of a variety of fastidious and nonfastidious organisms. Use with blood in determining hemolytic reactions.	BD Difco™	2 kg
236930		BD Difco™	10 kg
228300	<b>Tryptic Soy Blood Agar Base EH</b>	BD Difco™	500 g
228200	Use with blood in isolating and cultivating fastidious microorganisms from specimens where clear and distinct hemolytic reactions are of prime importance.	BD Difco™	10 kg
227300	<b>Tryptic Soy Blood Agar Base No. 2</b>	BD Difco™	500 g
227200	Used with blood for improved beta-hemolytic reactions and for the cultivation of fastidious microorganisms.	BD Difco™	10 kg
211824	<b>Tryptic Soy Broth</b>	BD Difco™	100 g
211825	TSB. Soybean-Casein Digest Medium, EP/USP/JP. Fluid Soybean-Casein Digest Medium. General purpose medium for the cultivation of fastidious and non-fastidious microorganisms from a variety of clinical and non-clinical specimens.	BD Difco™	500 g
211822		BD Difco™	2 kg
211823		BD Difco™	10 kg
292735		BD BBL™	500 g
286220	<b>Tryptic Soy Broth without Dextrose</b> Tryptic Soy Broth without Dextrose, a low carbohydrate formulation of Tryptic Soy Broth, is used for cultivating fastidious and nonfastidious microorganisms.	BD Difco™	500 g
211043	<b>Trypticase™ Soy Agar</b>	BD BBL™	500 g
211046	TSA. EP/USP/JP. Used for the isolation and cultivation of non-fastidious and fastidious microorganisms.	BD BBL™	2.3 kg
211047		BD BBL™	11.3 kg
211764	<b>Trypticase™ Soy Agar with Lecithin and Polysorbate 80</b>	BD BBL™	500 g
212263	Recommended for the detection and enumeration of microorganisms present on surfaces of sanitary importance.	BD BBL™	2.3 kg
212305	<b>Trypticase™ Soy Agar, Modified (TSA II)</b> Use with added blood for cultivating fastidious microorganisms and for the visualization of hemolytic reactions produced by many bacterial species.	BD BBL™	500 g
211768	<b>Trypticase™ Soy Broth (TSB)</b>	BD BBL™	500 g
211771	General purpose medium used in qualitative procedures for the cultivation of fastidious and nonfastidious microorganisms from a variety of clinical and non-clinical specimens. EP/USP/JP conform.	BD BBL™	22.3 kg
211772		BD BBL™	11.3 kg
296264	<b>Trypticase™ Soy Broth, sterile (TSB)</b> The product is sterilized through gamma irradiation and dosimetrically released per ANSI/AAMI/ISO 11137 guidelines. EP/USP/JP conform.	BD BBL™	500 g
223000	<b>Tryptone Glucose Extract Agar</b> Used for cultivating and enumerating microorganisms in water and dairy products.	BD Difco™	500 g

Cat. No.	Description	Brand	Quantity
264410	<b>Tryptone Water</b> For detecting <i>Escherichia coli</i> in food and water samples on the basis of indole production.	BD Difco™	500 g
264300	<b>Tryptose Agar</b>	BD Difco™	500 g
264100	Cultivation of <i>Brucella</i> and a large variety of pathogenic organisms.	BD Difco™	2 kg
223220	<b>Tryptose Blood Agar Base</b>	BD Difco™	500 g
223210	Infusion free medium used with blood for the isolation and cultivation of fastidious microorganisms as well as the determination of hemolytic reactions.	BD Difco™	2 kg
262200	<b>Tryptose Broth</b>	BD Difco™	500 g
262100	Cultivation of <i>Brucella</i> and a variety of pathogenic microorganisms.	BD Difco™	10 kg
260300	<b>Tryptose Phosphate Broth</b>	BD Difco™	500 g
260100	Used for cultivating fastidious microorganisms.	BD Difco™	2 kg
211690	<b>TSN Agar</b> TSN (BD Trypticase™ Sulfite Neomycin) Agar is used for the selective isolation of <i>Clostridium perfringens</i> .	BD BBL™	500 g
285610	<b>Universal Beer Agar</b> Universal Beer Agar (UBA Medium) is used for cultivating microorganisms of significance in the brewing industry.	BD Difco™	500 g
223510	<b>Universal Pre-enrichment Broth</b> Used for recovering sublethally injured <i>Salmonella</i> and <i>Listeria</i> from food products. Traditional methods for recovering <i>Salmonella</i> and <i>Listeria</i> from food products require separate pre-enrichment media for each microorganism. Some broth media recommended for pre-enrichment contain antibiotic inhibitors or have insufficient buffering capacity which hinder recovery of sublethally injured cells.	BD Difco™	500 g
211795	<b>Urea Agar Base</b> Used for the differentiation of organisms, especially the <i>Enterobacteriaceae</i> , on the basis of urease production. Use with BD Difco™ Agar (Cat. Nos. 214050, 214010, 214030, 214040) for differentiating microorganisms based on urease activity.	BD BBL™	500 g
227210	<b>Urea Broth</b> Use for differentiating microorganisms, particularly <i>Proteus</i> species, based on urease production.	BD Difco™	500 g
222330	<b>UVM Modified Listeria Enrichment Broth</b>	BD Difco™	500 g
222320	Use as a selective enrichment for the rapid isolation of <i>Listeria monocytogenes</i> .	BD Difco™	10 kg
234310	<b>Veal Infusion Agar</b> Cultivation of fastidious organisms with or without added enrichment.	BD Difco™	500 g
234420	<b>Veal Infusion Broth</b>	BD Difco™	500 g
234410	Cultivation of fastidious organisms.	BD Difco™	10 kg
211695	<b>Violet Red Bile Agar (VRB Agar)</b>	BD Difco™	500 g
211687	VRB Agar; is used for enumerating coliform organisms in dairy products.	BD Difco™	2 kg
229100	<b>Violet Red Bile Agar with MUG</b> Selective isolation of coliform bacteria and fluorogenic detection of <i>Escherichia coli</i> from food and dairy products.	BD Difco™	500 g
218661	<b>Violet Red Bile Glucose Agar (VRBG Agar)</b> Selective medium containing glucose for the detection and enumeration of <i>Enterobacteriaceae</i> from food and dairy products.	BD Difco™	500 g
236010	<b>Vitamin B12 Assay Medium</b> Microbiological assay of Vitamin B12. Use for determining vitamin B12 concentration by the microbiological assay technique.	BD Difco™	100 g

Cat. No.	Description	Brand	Quantity
256220	<b>VJ Agar</b> 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. 215294). Use for isolating coagulase-positive mannitol-fermenting staphylococci from clinical or food specimens.	BD Difco™	500 g
218051	<b>Wilkins Chalgren Agar</b>	BD Difco™	500 g
295067	Susceptibility testing of anaerobic bacteria by the agar diffusion method.	BD BBL™	500 g
242510	<b>WL Differential Medium</b> WL Differential Medium = Wallerstein Laboratory Differential Medium. 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.	BD Difco™	500 g
247110	<b>WL Nutrient Broth</b> Wallerstein Laboratory Nutrient Broth. Cultivation of yeasts, molds, and bacteria encountered in brewing and industrial fermentation processes.	BD Difco™	500 g
242420	<b>WL Nutrient Medium</b> Wallerstein Laboratory Medium. Cultivation of yeasts, molds, and bacteria encountered in brewing and industrial fermentation processes.	BD Difco™	500 g
211671	<b>Wort Agar</b> For cultivation and enumeration of yeasts.	BD Difco™	500 g
211836	<b>XL Agar Base</b> 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.	BD BBL™	500 g
278850	<b>XLD Agar</b>	BD Difco™	500 g
278820	Xylose Lysine Desoxycholate Agar. Selective differential medium for the isolation of Gram-negative enteric bacilli, especially <i>Shigella</i> and <i>Providencia</i> .	BD Difco™	2 kg
278830		BD Difco™	10 kg
223420	<b>XLT4 Agar Base</b>	BD Difco™	500 g
223410	XLT4 Agar Base is used with XLT4 Agar Supplement (Cat. No. 235310) in isolating non-typhi <i>Salmonella</i> . Contains peptone as a source of complex nitrogen compounds.	BD Difco™	10 kg
239110	<b>Yeast Carbon Base</b> Wickerham formula. Use for the classification of yeasts based on nitrogen assimilation.	BD Difco™	100 g
219001	<b>Yeast Extract Glucose Chloramphenicol Agar</b> Also known as YGC Agar. Selective agar recommended by the International Dairy Federation for the enumeration of yeasts and molds in milk and milk products.	BD Difco™	500 g
239320	<b>Yeast Morphology Agar</b> Wickerham formula. Use for the classification of yeasts based on colonial characteristics and cell morphology.	BD Difco™	500 g
239210	<b>Yeast Nitrogen Base</b> Wickerham formula. Use for the classification of yeasts based on carbon assimilation.	BD Difco™	100 g
291940	<b>Yeast Nitrogen Base without Amino Acids</b>	BD Difco™	100 g
291920	Wickerham formula. Use for the classification of yeasts based on amino acid and carbohydrate requirements.	BD Difco™	2 kg
291930		BD Difco™	10 kg
233520	<b>Yeast Nitrogen Base without Amino Acids and Ammonium Sulfate</b>	BD Difco™	100 g
233510	Wickerham formula. Used for the classification of yeasts based on nitrogen and carbon requirements.	BD Difco™	10 kg

Cat. No.	Description	Brand	Quantity
218172	<b>Yersinia Selective Agar Base (CIN Agar Base)</b> 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.	BD Difco™	500 g
271210	<b>YM Agar</b> Yeast Mold Agar is used for cultivating yeasts, molds, and other aciduric microorganisms.	BD Difco™	500 g
271120	<b>YM Broth</b> Yeast Mold Broth is for cultivation of yeasts, molds, and other aciduric microorganisms.	BD Difco™	500 g
242720	<b>YPD Agar</b> For maintaining and propagating yeasts in molecular microbiology procedures.	BD Difco™	500 g
242820	<b>YPD Broth</b>	BD Difco™	500 g
242810	Propagation and maintenance of yeasts for use in molecular biology.	BD Difco™	2 kg
244020	<b>YT Medium 2 x (2 x Yeast Extract Tryptone Medium)</b> Used for cultivating recombinant strains of <i>Escherichia coli</i> .	BD Difco™	500 g
1.1.2	Additives		
233331	<b>Antimicrobial Vial A</b> Antimicrobial Vial A, containing chlortetracycline, is used in preparing selective microbiological culture media. Chlortetracycline selectively inhibits bacterial growth by inhibiting protein synthesis and restricts the size and height of colonies of more rapidly growing molds. 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 BD Difco™ Cooke Rose Bengal Agar (Cat. No. 270310).	BD Difco™	6 x 10 ml
233391	<b>Antimicrobial Vial K</b> BD Difco™ Antimicrobial Vial K, containing kanamycin, is used to supplement SFP Agar Base containing Egg Yolk Enrichment 50% and BD Difco™ 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. 25 mg Kanamycin per 10 ml vial. Use with: SFP Agar Base (Cat. No. 281110).	BD Difco™	6 x 10 ml
232681	<b>Antimicrobial Vial P</b> Contains polymyxin B. For enumerating <i>Bacillus cereus</i> from foods use with: MYP Agar (Cat. No. 281010) and Egg Yolk Enrichment 50% (Cat. Nos. 233471 and 233472) Also for use with: SFP Agar Base (Cat. No. 281110).	BD Difco™	6 x 10 ml
266810	<b>Bovine Albumin (5%)</b> Used to enrich media for cultivation 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.	BD Difco™	12 x 20 ml
211968	<b>Bovine Albumin (Fraction V)</b> 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. Bovine albumin is also known as bovine serum albumin or BSA. Used to enrich media for cultivating a large variety of microorganisms and tissue cells.	BD BBL™	10 x 10 ml
230910	<b>Dubos Medium Albumin</b> 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: Dubos Broth Base (Cat. No. 238510).	BD Difco™	12 x 20 ml

Cat. No.	Description	Brand	Quantity	Cat. No.	Description	Brand	Quantity
237510	<b>Dubos Oleic Albumin Complex</b> 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> . Dubos and Middlebrook described Dubos Oleic Medium Albumin as suitable for primary isolation and cultivation of the tubercle bacillus and for studying colony morphology. In comparative studies, Dubos Oleic Albumin Agar Medium was superior to other media studied for primary isolation. Oleic acid is a carbon source. Albumin Fraction V is a growth factor. Dubos Oleic Albumin Complex is a 0.05% solution of alkalized oleic acid in a 5% solution of albumin fraction V in normal saline (0.85%). Use with: Dubos Oleic Agar Base (Cat. No. 237310).	BD Difco™	12 x 20 ml	283610	<b>Mycoplasma Supplement</b> For the isolation and cultivation of <i>Mycoplasma</i> spp.; e.g. PPLO media, Heart Infusion Agar and Heart Infusion Broth. 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)	BD Difco™	6 x 30 ml
233471	<b>Egg Yolk Enrichment (50%)</b>	BD Difco™	12 x 10 ml	231971	<b>Novobiocin Antimicrobial Supplement</b> Contains 20 mg of novobiocin. May be used with: - EC Medium Modified (Cat. No. 234020) or - Rappaport-Vassiliadis (MRSV) Medium Semisolid Modification (Cat. No. 218681) or - Brilliant Green Agar (Cat. No. 228530).	BD Difco™	6 x 10 ml
233472	Is a concentrated egg yolk emulsion recommended for use in a variety of media such as BD Difco™ SFP Agar Base and BD Difco™ McClung Toabe Agar Base for the isolation and identification of <i>Clostridium</i> species on the basis of their lecithinase activity. Egg Yolk Enrichment which has been warmed to 45 – 50°C is aseptically added to prepared and sterilized culture media which has been cooled to 45 – 50°C. In BD Difco™ SFP Agar Base and Difco™ McClung Toabe Agar Base, 100 ml Egg Yolk Enrichment 50% is added to 900 ml or 10 ml to 90 ml of prepared and sterilized base. Use with: McClung Toabe Agar Base (Cat. No. 294110), MYP Agar (Cat. No. 281010) and SFP Agar Base (Cat. No. 281110).	BD Difco™	6 x 100 ml	251810	<b>Orange Serum Broth Concentrate (10 x)</b> 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.	BD Difco™	6 x 100 ml
212357	<b>Egg Yolk Tellurite Enrichment</b>	BD BBL™	6 x 100 ml	211763	<b>Oxford Antimicrobial Supplement, Modified</b> With moxalactam and colistin sulfate. Use with: Oxford Medium Base (Cat. No. 222530).	BD Difco™	6 x 10 ml
277910	The enrichment consists of 30% egg yolk suspension with 0.15% potassium tellurite. For the isolation of <i>S. aureus</i> use with: Baird-Parker Agar Base (Cat. Nos. 276840 and 276810).	BD Difco™	6 x 100 ml	263710	<b>PALCAM Antimicrobial Supplement</b> Contains 40 mg of ceftazidime. For use with: PALCAM Medium Base (Cat. No. 263620).	BD Difco™	3 x 10 ml
257201	<b>Egg Yolk Tellurite Enrichment , gamma irradiated</b>	BD Difco™	1 x 100 ml	214904	<b>Rose Bengal Antimicrobial Supplement</b> For selective isolation and enumeration of yeasts and molds from foods, dairy products, and the environment use with: Rose Bengal Agar Base (Cat. No. 218312).	BD BBL™	10 x 3 ml
211742	<b>Fraser Broth Supplement</b> Contains 0.05 g ferric ammonium citrate. The medium is used in the rapid detection of <i>Listeria</i> from food and environmental samples. Use with: Fraser Broth Base (Cat. No. 211767 and 211766) and Demi-Fraser Broth Base (Cat. Nos. 265310 and 265320).	BD Difco™	6 x 10 ml	232281	<b>Rosolic Acid</b> Use with: m FC Agar (Cat. Nos. 267710 and 267720) and m FC Broth Base (Cat. Nos. 288320 and 288330).	BD Difco™	6 x 1 g
233901	<b>Legionella Agar Enrichment</b> L-cysteine and ferric pyrophosphate. For the isolation of <i>Legionella</i> .	BD Difco™	6 x 5 ml	227610	<b>Supplement B</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), Proteose No. 3 Agar (Cat. No. 265100). Lyophilized – with Reconstituting Fluid.	BD Difco™	6 x 10 ml
279510	<b>Leptospira Enrichment EMJH</b> To cultivate and maintain <i>Leptospira</i> use with: Leptospira Medium Base EMJH (Cat. No. 279410).	BD Difco™	6 x 100 ml	252710	<b>Supplement C</b> This is a desiccated yeast concentrate used to supplement media for cultivating fastidious organisms with exact growth requirements. BD Difco™ Supplement C contains the thermolabile and thermostable growth accessory factors of fresh yeast, including glutamine, coenzyme (V factor), hematicin (X factor), cocarboxylase, and other growth factors required for the growth of fastidious organisms.	BD Difco™	6 x 5 ml
212402	<b>Listeria Selective Supplement</b> For isolation and cultivation of <i>Listeria monocytogenes</i> use with: LPM Agar Base (Cat. No. 222120).	BD BBL™	10 x 2 ml	233541	<b>Supplement VX</b>	BD Difco™	6 x 10 ml
211887	<b>Middlebrook ADC Enrichment</b>	BD BBL™	10 x 20 ml	233542	Sterile concentrate of essential growth factors V and X. For cultivation of fastidious microorganisms like <i>N. gonorrhoeae</i> and <i>H. influenzae</i> . For use with: Proteose No. 3 Agar (Cat. No. 265100). 233542: Lyophilized – 1 x 100 ml with Reconstituting Fluid. 233541: Lyophilized – 6 x 10 ml with Reconstituting Fluid.	BD Difco™	1 x 100 ml
212352	Contains Albumin, Dextrose, Catalase, and Sodium Chloride. Used to supplement culture media for the isolation and cultivation of <i>Mycobacteria</i> for Middlebrook 7H10 Agar, Cat. Nos. 262710 and 212203 and <i>Mycobacteria</i> 7H11 Agar, Cat. No. 283810.	BD BBL™	6 x 100 ml	234210	<b>Tinsdale Enrichment</b> 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> . The enrichment contains bovine serum and horse serum which provide essential growth factors. L-cystine and sodium thiosulfate provide sulfur for H <sub>2</sub> S production. Potassium tellurite is a selective agent. The formation of black to brown halos surrounding the colony results from the reduction of potassium tellurite by H <sub>2</sub> S to metallic tellurite. Stabbing the complete Tinsdale Agar with an inoculating needle accentuates darkening of the medium by <i>C. diphtheriae</i> . Use with: Tinsdale Agar Base (Cat. No. 278610).	BD Difco™	6 x 15 ml
211886	<b>Middlebrook OADC Enrichment</b>	BD BBL™	10 x 20 ml				
212240	Used to supplement culture media for the isolation and cultivation of <i>Mycobacteria</i> for Middlebrook 7H10 Agar, Cat. Nos. 262710 and 212203 and <i>Mycobacteria</i> 7H11 Agar, Cat. No. 283810.	BD BBL™	6 x 100 ml				
212351		BD BBL™	1 x 500 ml				
212292	<b>Mycoplasma Enrichment without Penicillin</b> Mycoplasma Enrichment without Penicillin is a sterile desiccated enrichment for use in PPLO media as described by Hayflick. The supplements are prepared according to the formulations of Chanock, Hayflick and Barile and 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)	BD BBL™	10 x 30 ml				

Cat. No.	Description	Brand	Quantity
231121	<b>TTC Solution (1%, sterile)</b> TTC Solution 1% (Triphenyltetrazolium Chloride) is ready for use in the preparation of culture media. For use with KF Streptococcus Agar (Cat. No. 249610). 264310: Bottle 25 g. 231121: prepared Tube 30 ml.	BD Difco™	1 x 30 ml
212269	<b>V-C-A Inhibitor</b> 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.	BD BBL™	10 x 10 ml
212404	<b>VCAT Inhibitor</b> 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.	BD BBL™	10 x 10 ml
212227	<b>V-C-N Inhibitor</b>	BD BBL™	10 x 2 ml
212228	Antibiotic mixture of vancomycin, colistin, and nystatin that permits the selective isolation of <i>Neisseria gonorrhoeae</i> and <i>N. meningitidis</i> from culture media.	BD BBL™	10 x 10 ml
212408	<b>V-C-N-T Inhibitor</b> Antibiotic mixture of vancomycin, colistin, nystatin, and trimethoprim that improves the recovery of pathogenic <i>Neisseria</i> by increasing the selectivity of isolation media.	BD BBL™	10 x 10 ml
212354	<b>Vitamin K1, Hemin Solution</b> Vitamin K1, Hemin Solution is used as a culture medium enrichment for anaerobic microorganisms.	BD BBL™	10 x 10 ml
235310	<b>XLT4 Supplement</b> Added to inhibit growth of non- <i>Salmonella</i> organisms. To be used with: XLT4 Agar Base (Cat. Nos. 223420 and 223410).	BD Difco™	1 x 100 ml
231961	<b>Yersinia Antimicrobial Supplement CN</b> BD Difco™ Yersinia Antimicrobial Supplement CN is used in the preparation of Yersinia Selective Agar (CIN Agar). The complete medium, based on the Cefsulodin-Irgasan-Novobiocin (CIN) Agar formulation of Schiemann, is recommended for use in the selective isolation and cultivation of <i>Yersinia enterocolitica</i> from clinical and non-clinical sources. Use with: Yersinia Selective Agar Base (Cat. No. 218172).	BD Difco™	6 x 10 ml

## 1.2 Media and Ingredients

### 1.2.1 Enrichments and Enzymes

211866	<b>Fildes Enrichment</b> May be used to enrich a variety of media for the cultivation of various microorganisms.	BD BBL™	10 x 5 ml
211874	<b>Hemoglobin Solution (2%)</b> Ready for use in the preparation of media for the cultivation of fastidious organisms.	BD BBL™	10 x 100 ml
211875	<b>IsoVitaleX™ Enrichment</b>	BD BBL™	5 x 2 ml
211876	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> .	BD BBL™	5 x 10 ml
211883	<b>Leptospira Enrichment (Lyophilized)</b> 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 leptospires in blood, spinal fluid, urine, waters, and other minerals. They are useful therefore, in diagnostic and epidemiological studies of leptospirosis in humans and animals. <i>Leptospira</i> enrichment provides the necessary enrichment for these media. <i>Leptospira</i> enrichment is lyophilized, pooled rabbit serum containing natural hemaglobin.	BD BBL™	10 x 10 ml

Cat. No.	Description	Brand	Quantity
211897	<b>Penicillinase</b> BD BBL™ Penicillinase: 1,000,000 units/ml. Enzyme preparation used to neutralize penicillin and to permit growth of organisms ordinarily inhibited by the antibiotic.	BD BBL™	10 x 20 ml
234510	<b>Penicillinase (2,000 L.U./ml/min)</b> Inactivates 1,000,000 International units per mL of Penicillin G (2,000 L.U./mL/min).	BD Difco™	6 x 20 ml
215332	<b>Penicillinase Concentrate (20,000 L.U./ml/min)</b> Penicillinase inactivates 10,000,000 International units/mL of Penicillin G (20,000 L.U./mL/min).	BD Difco™	10 x 20 ml
211898	<b>Penicillinase Concentrate</b>	BD BBL™	10 x 20 ml
211899	BD BBL™ Penicillinase Concentrate: 10,000,000 units/ml. Enzyme preparation used to neutralize penicillin and to permit growth of organisms ordinarily inhibited by the antibiotic.	BD BBL™	1 x 100 ml
215110	<b>Pepsin 1:10,000</b>	BD Difco™	1 x 500 g
215294	<b>Tellurite Solution (1%)</b> For use with: - Mitis Salivarius Agar (Cat. No. 229810) and - Tellurite Glycine Agar (Cat. No. 261710) and - VJ Agar (Cat. No. 256220)	BD BBL™	10 x 5 ml
1.2.2	Meat Peptones and Media		
237400	<b>Brain Heart Infusion</b>	BD Difco™	100 g
237500	Brain Heart Infusion (BHI) is a general-purpose liquid medium used in the cultivation of fastidious and nonfastidious microorganisms, including aerobic and anaerobic bacteria, from a variety of clinical and non-clinical materials. It serves as a base for supplemented media containing 0.1% agar, Fildes enrichment or 6.5% sodium chloride. A supplemented pre-reduced formulation in tubes is especially recommended for the cultivation of anaerobes.	BD Difco™	500 g
237200		BD Difco™	2 kg
256120	<b>Brain Heart Infusion, Porcine</b> Difco™ Brain Heart Infusion, Porcine is used for cultivating a wide variety of microorganisms.	BD Difco™	500 g
292438	<b>Select APS™, LB Broth Base</b> 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.	BD Difco™	500 g
212485	<b>Select APS™, Super Broth Base</b>	BD Difco™	500 g
212486	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. Non-animal origin formulation.	BD Difco™	10 kg
1.3	Chemically Defined Products		
248510	<b>M9 Minimal Salts (5×)</b> Used in preparing M9 Minimal Medium which is used for cultivating recombinant strains of <i>Escherichia coli</i> . M9 Minimal Salts, 5× is a 5× concentrate that is diluted to a 1× 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'-containing bacteria for use with M13. The medium can be supplemented with specific amino acids or other metabolites, allowing for selection of specific auxotrophs.	BD Difco™	500 g

Cat. No.	Description	Brand	Quantity
239210	<b>Yeast Nitrogen Base</b> Wickerham formula. Use for the classification of yeasts based on carbon assimilation.	BD Difco™	100 g
291940	<b>Yeast Nitrogen Base without Amino Acids</b>	BD Difco™	100 g
291920	Wickerham formula. Use for the classification of yeasts based on amino acid and carbohydrate requirements.	BD Difco™	2 kg
291930		BD Difco™	10 kg
233520	<b>Yeast Nitrogen Base without Amino Acids and Ammonium Sulfate</b>	BD Difco™	100 g
233510	Wickerham formula. Used for the classification of yeasts based on nitrogen and carbon requirements.	BD Difco™	10 kg
<b>1.4 Media Fill Testing Products</b>			
214889	<b>Select APS™ Tryptic Soy Broth</b>	BD Difco™	500 g
214887	Alternative Protein Source obtained from animal-free components, EP/USP/JP.	BD Difco™	10 kg
214886	<b>Select APS™ Tryptic Soy Broth, irradiated</b> Alternative Protein Source obtained from animal-free components. Gamma-Irradiated (25-45 kGy). EP/USP/JP.	BD Difco™	10 kg
211825	<b>Tryptic Soy Broth</b>	BD Difco™	500 g
211822	TSB Soybean-Casein Digest Medium, EP/USP/JP. Fluid Soybean-Casein Digest Medium. General purpose medium for the cultivation of fastidious and nonfastidious microorganisms from a variety of clinical and non-clinical specimens.	BD Difco™	2 kg
211823		BD Difco™	10 kg
211768	<b>Trypticase™ Soy Broth</b>	BD BBL™	500 g
211771	TSB; Soybean-Casein Digest Medium, EP/USP/JP. General purpose medium used in qualitative procedures for the cultivation of fastidious and nonfastidious microorganisms from a variety of clinical and non-clinical specimens.	BD BBL™	2.3 kg
211772		BD BBL™	11.3 kg
296264	<b>Trypticase™ Soy Broth, sterile</b> The product is sterilized through gamma irradiation and dosimetrically released per ANSI/AAMI/ISO 11137 guidelines. EP/USP/JP conform.	BD BBL™	500 g

## 2.1 Aseptic Plated Media

### 2.1.1 90 mm Plates

#### 2.1.2.1 Biplates

#### 2.1.2.2 Other

#### 2.1.2.3 Aseptic Contact Plates

### 2.1.2 Special Format

### 2.1.3 Hycheck™ Hygiene Contact Slides

### 2.1.4 Accessories

## 2.2 Gamma Irradiated, Triple Wrapped Plated Media

### 2.2.1 BD BBL™ IC-XT Pack 90 mm

### 2.2.2 BD BBL™ IC-XT Pack 55 mm Rodac™ locking lid

### 2.2.3 BD BBL™ IC-XT Pack 150 mm

## 2.3 Sterile Pack Swab

## 2.4 Bottled Media

### 2.4.1 Sterility Testing

### 2.4.2 Fluids

### 2.4.3 TSM (Test for Specified Microorganisms)

### 2.4.4 Others

## 2.5 Prepared Tubed Media

## Continuing the Tradition of Excellence

Since 1935, BBL™ prepared media products have brought to the microbiology laboratory the highest levels of quality and performance. With the 1997 acquisition of Difco Laboratories, founded in 1895, BD today draws on a collective 180 years of experience in media product development, manufacturing and troubleshooting. Each and every day we continue to build on that knowledge and understanding. From our process to our people, the history and tradition of excellence in BBL media is alive and well. We can point with pride to many associates in our production facilities that have been making media for 25 years or more. BD brings that experience and expertise to your laboratory each day.

### Some of the advantages offered by BBL™ Prepared Media include:

- BD takes great strides to assure consistent material quality and supply. For example, BD maintains on our own farms, one of the largest flock of sheep in the country. These sheep are fed a computer-formulated, antibiotic-free diet as part of our strict quality control procedures.
- BD-manufactured dehydrated media is used in every prepared media formulation. Each medium is tested against a battery of control organisms, both for growth and, when required, inhibition.
- We make our own Petri dishes to ensure that consistently high quality is maintained.
- We test for product performance and hold each lot of prepared media in quarantine until it is thoroughly checked. We test finished goods as well as all components for growth and for inhibition as required.
- Local availability and delivery ensures that when BBL™ Prepared Media arrive at your laboratory, they are ready to yield proper performance (when stored and used as directed).
- All culture media meet the standards of the National Committee for Clinical Laboratory Standards (NCCLS), as well as compendial regulatory requirements, when applicable.<sup>1,2</sup>



BD Prepared Media Range

### Use

BBL™ Prepared Plated Media are for the isolation of microorganisms from samples or specimens. They are ready for immediate use.

### Types

BBL™ Prepared Plated Media are routinely available in several types of Petri-style dishes, containing a variety of media.

### Prepared Plated Media

For longer than any other prepared microbiology media manufacturer, BD Diagnostics has refined research, manufacturing and quality control processes to achieve the highest standards for BBL products. These refinements have made BD the world's leading manufacturer of quality prepared media.

In today's challenging environment, BD offers renewed support to the microbiology laboratory faced with maintaining cost efficiencies while providing quality.



BD Prepared Plated Media

Cat. No.	Description	Quantity
<b>2.1</b>	<b>Aseptic Plated Media</b>	
2.1.1	90 mm Plates	
<b>254443</b>	<b>Aeromonas Yersinia Agar</b> Aeromonas Yersinia Agar is a selective differential medium for the isolation of both <i>Yersinia enterocolitica</i> and <i>Aeromonas</i> spp. from a variety of clinical and non-clinical 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> .	<b>20</b>
<b>254480</b>	<b>Bacteroides Bile Esculin Agar with Amikacin</b> Selective medium for the isolation and presumptive identification of the <i>Bacteroides fragilis</i> group.	<b>20</b>
<b>255084</b>	<b>Baird Parker Agar</b>	<b>20</b>
<b>297725</b>	Baird Parker Agar is a moderately selective and differential medium for the isolation and enumeration of <i>Staphylococcus aureus</i> in foods, environmental, and clinical specimens.	<b>100</b>
<b>254546</b>	<b>Bifidobacterium Agar Beerens, Modified</b> This agar is a partially selective medium for the isolation of bifidobacteria especially, but not only, from human stool specimens. Bifidobacterium Medium as described by Beerens is based on Columbia Agar base, supplemented with propionic acid, at pH 5.0. Propionic acid has been shown to inhibit fungi and many bacteria other than bifidobacteria. The low pH of the medium further contributes to inhibit other predominating organisms of human feces, such as <i>Bacteroides</i> and <i>Eubacterium</i> species. BD Bifidobacterium Agar, Modified is a slight modification of the original medium, supplemented with lactulose, a sugar used as a prebiotic that is preferably fermented by bifidobacteria. Glucose as a universal sugar has been added to accelerate initial growth. Riboflavin is a vitamin for many bifidobacteria. The pH has been slightly increased from 5.0 to 5.5 to improve gel strength of the agar and better growth of <i>Bifidobacterium</i> .	<b>20</b>
<b>254019</b>	<b>Bile Esculin Azide Agar (Enterococcosel™ Agar)</b> Bile Esculin Agar with Azide (BD Enterococcosel™ Agar) is a selective medium for the rapid isolation and numeration of fecal enterococci and differentiation of Enterobacteriaceae and several other Gram-negative rods from clinical and non-clinical specimens.	<b>20</b>
<b>257430</b>	<b>BD Bile Chrysoidin Glycerol Agar with MUG</b> Partially selective medium for the isolation and differentiation of <i>Enterobacteriaceae</i> and several other Gram-negative rods and for the identification of <i>E. coli</i> from clinical and non-clinical specimens.	<b>120</b>
<b>254400</b>	<b>Bordet Gengou Agar with 15% Sheep Blood</b> Bordet Gengou Agar with 15% Sheep Blood is a selective medium for the isolation of <i>Bordetella pertussis</i> and <i>B. parapertussis</i> .	<b>20</b>
<b>255003</b>	<b>Brain Heart Infusion (BHI) Agar</b> Brain Heart Infusion (BHI) Agar is a general-purpose medium suitable for the cultivation of a wide variety of organism types, including bacteria, yeasts, and filamentous fungi. Brain Heart Infusion has proven to be effective in the cultivation of a wide variety of micro-organisms, including many types of pathogens. It has served as the base medium for new culture media formulations when supplemented with blood or with selective agents. Without supplementation, Brain Heart Infusion (BHI) Agar currently is recommended as a universal medium for aerobic bacteriology and for the primary recovery of fungi and Actinomycetales from clinical specimens and from non-clinical materials.	<b>20</b>
<b>212097</b>	<b>Brilliant Green Agar</b> Brilliant Green Agar is a highly selective medium for the isolation of <i>Salmonella</i> other than <i>S. Typhi</i> from feces and other materials. Brilliant Green Agar was first described by Kristensen et al. in 1925. Their formulation was modified slightly by Kauffmann in 1935.	<b>20</b>
<b>254490</b>	<b>Brilliant Green Agar, Modified</b> Brilliant Green Agar Modified is used for isolating <i>Salmonella</i> from water, sewage, and food-stuffs. It is recommended by the British Poultry Meat Society for the examination of poultry and poultry products and is mentioned in the LMBG and ISO standards for foods. The recommended procedures include using complementary selective culture media and techniques to increase the likelihood of isolating multiple serotypes of <i>Salmonella</i> from samples. The medium is also known as Brilliant Green Phenol Red Lactose Sucrose Modified Agar in several guidelines.	<b>20</b>

1 National Committee for Clinical Laboratory Standards. 1996. Approved Standard: M6-A. Protocols for evaluating dehydrated Mueller-Hinton agar. National Committee for Clinical Laboratory Standards, Wayne, PA.

2 National Committee for Clinical Laboratory Standards. 1996. Approved Standard: M22-A2. Quality assurance for commercially prepared microbiological culture media, 2nd ed. National Committee for Clinical Laboratory Standards, Wayne, Pa.

Cat. No.	Description	Quantity
256501	<b>Bromocresol Purple Lactose Agar</b> Bromocresol Purple Lactose Agar is 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.	20
255027	<b>Brucella Blood Agar with 5% Horse Blood</b> A non-selective medium with is used for the isolation and growth of both fastidious and non-fastidious bacteria species, including <i>Brucella</i> .	20
255509	<b>Brucella Blood Agar with Hemin and Vitamin K1</b> Brucella Agar with Hemin and Vitamin K1 is an enriched, nonselective medium for the isolation and cultivation of a wide variety of obligate anaerobic microorganisms.	20
299614	<b>Campy CSM Agar</b> Karmali et al., in 1986, evaluated a blood-free, charcoal-based selective medium (designated CSM) in parallel with a Skirrow-type selective medium containing lysed horse blood. They reported that the quality of <i>Campylobacter</i> growth on CSM (luxuriant growth with smooth and effuse colonies) was similar to that seen on blood-based media and was significantly more selective than Skirrow medium.	20
292487	<b>Campy Cefex Agar</b> Campy-Cefex Agar is a selective medium used for the primary isolation and cultivation of <i>Campylobacter</i> species, especially <i>C. jejuni</i> and <i>C. coli</i> , from poultry. Campy-Cefex Agar demonstrated easier differentiation of <i>C. jejuni</i> from other flora when compared to Campylobacter Cefoperazone Desoxycholate Agar and better selectivity than Campylobacter Brucella Agar (Campy BAP). In September 2005, Campy-Cefex Agar was adopted by the National Advisory Committee on Microbiological Criteria for Foods for the isolation of <i>Campylobacter</i> species from chicken carcasses.	100
254001	<b>Campylobacter Agar with 5 Antimicrobics and 10% Sheep Blood</b>	20
254069	Campylobacter Agar with 5 Antimicrobics and 10% Sheep Blood (Campy-BAP) is a selective medium for the primary isolation of <i>Campylobacter jejuni</i> and other cephalothin resistant <i>Campylobacter</i> species from stool specimens.	120
254403	<b>Campylobacter Agar with Cefoperazone without Blood</b>	20
254095	Campylobacter Selective Medium, Bloodfree is a selective medium for the isolation of <i>Campylobacter</i> species from intestinal and other specimens.	120
256058	<b>Campylobacter Agar (Butzler) with 7% Horse Blood</b> Campylobacter Agar (Butzler) with 7% Horse Blood is a selective medium for the isolation of <i>Campylobacter</i> species from clinical and other specimens.	20
254464	<b>Campylobacter Agar (Skirrow) with 7% Horse Blood</b> Campylobacter Agar (Skirrow) with 7% Horse Blood is a selective medium for the isolation of <i>Campylobacter</i> species from clinical and other specimens.	20
256506	<b>CDC Anaerobe Blood Agar</b> CDC Anaerobe 5% Sheep Blood Agar is used for the isolation and cultivation of fastidious and slow growing, obligate anaerobic bacteria from a variety of clinical and non-clinical materials. The medium contains Trypticase™ Soy Agar supplemented with additional agar as a nutrient base. Sodium chloride maintains osmotic equilibrium. Sheep blood, hemin, cystine and vitamin K1 provide growth factors required by certain obligate anaerobes. Improved growth of <i>Prevotella melaninogenica</i> , <i>Fusobacterium necrophorum</i> , <i>Clostridium haemolyticum</i> , as well as certain strains of <i>Actinomyces israelii</i> and <i>Bacteroides thetaiotaomicron</i> , has been demonstrated on this medium. Furthermore, less smooth to rough colonial variation of <i>Bacteroides fragilis</i> has been reported on this medium than on Schaedler Blood Agar.	20
221739	<b>CDC Anaerobe 5% Sheep Blood Agar with Phenylethyl Alcohol (PEA)</b> 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 non-clinical materials.	20

Cat. No.	Description	Quantity
221846	<b>CDC Anaerobe Laked Sheep Blood Agar with Kanamycin and Vancomycin (KV)</b> Used for the selective isolation of fastidious, slow growing, anaerobic bacteria from a variety of different clinical and non-clinical materials. The medium employs BBL Trypticase Soy Agar supplemented with additional agar, yeast extract, vitamin K1, hemin, cystine, 5% sheep blood, kanamycin and vancomycin. The combination of kanamycin and vancomycin for use in selective isolation of Gram-negative anaerobes was first described by Finegold et al. Vancomycin, however, may inhibit <i>Porphyromonas asaccharolytica</i> . This medium is similar to CDC Anaerobe 5% Sheep Blood Agar with Kanamycin and Vancomycin except that the blood has been laked, by subjecting it to three freeze-thaw cycles, for improved pigmentation of the <i>P. melaninogenica</i> - <i>P. asaccharolytica</i> group.	20
256180	<b>Cepacia Medium</b> Cepacia Medium is a plated selective differential medium for the isolation of <i>Burkholderia cepacia</i> from clinical specimens (in particular Mucoviscidosis patients).	20
257011	<b>Chocolate Agar (Blood Agar No.2 Base)</b>	20
257456	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.	120
254046	<b>Chocolate Agar with Bacitracin</b> Chocolate Agar with BD IsoVitaleX™ and Bacitracin is a selective medium for the isolation of <i>Haemophilus influenzae</i> from clinical specimens.	20
257480	<b>CHROMagar® Candida Medium</b>	20
254106	BD CHROMagar® Candida medium is 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 colors 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.	120
257434	<b>CHROMagar® MRSA II</b>	20
257435	A selective and differential medium primarily used for the qualitative and direct detection of colonization by methicillin resistant <i>Staphylococcus aureus</i> (MRSA) to aid in the prevention and control of MRSA infections.	120
254105	<b>CHROMagar® O157 Medium</b> BD CHROMagar® O157 is 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. BBL CHROMagar O157 has been validated by the AOAC™-Research Institute under the Performance Tested Methods Program for the analysis of raw ground beef and unpasteurized apple cider when using FDA BAM, USDA FSIS and ISO methods.	20
257481	<b>CHROMagar® Orientation Medium</b>	20
254107	BD CHROMagar® Orientation is a non-selective medium for the isolation, direct identification, differentiation, and enumeration of urinary tract pathogens.	120
254104	<b>CHROMagar® Salmonella Medium</b> BD CHROMagar® Salmonella is a selective 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 feces such as food and water.	20
257074	<b>CHROMagar® Staph Aureus Medium</b>	20
257099	BD CHROMagar® Staph Aureus Medium is a selective differential medium for the isolation, enumeration, and identification of <i>Staphylococcus aureus</i> from clinical sources and food (without the use of confirmatory testing for clinical sources).	120
254003	<b>CLED (Cystine Lactose-Electrolyte-Deficient) Agar</b>	20
254070	CLED Agar (Cystine-Lactose-Electrolyte-Deficient 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.	120
255529	<b>CLED Bevis (H) with Andrades Agar</b> CLED Agar (Bevis) is a modified CLED Agar used for the isolation and enumeration of bacteria in urine specimens. Bevis modified the medium by adding Andrade indicator (acid fuchsin) to the medium. The combination of the two pH indicators, bromthymol blue and acid fuchsin, allows an improved differentiation of the organisms by colony and medium coloration.	20

Cat. No.	Description	Quantity
254406	<b>Clostridium Difficile Agar with 7% Sheep Blood</b> This is a selective medium for the primary isolation of <i>Clostridium difficile</i> from fecal and other clinical specimens.	20
215191	<b>Columbia Agar without Blood</b> Columbia Agar Base, without blood is a highly nutritious, general-purpose medium for the isolation and cultivation of nonfastidious and fastidious microorganisms from a variety of clinical and non clinical materials.	20
256006	<b>Columbia Agar with 5% Horse Blood</b> This agar is a highly nutritious general purpose medium for the isolation and cultivation of nonfastidious and fastidious microorganisms from clinical and non-clinical materials. It should be noted that beta-hemolytic reactions depend on the type of blood added; as an example, enterococci which only very rarely hemolyse sheep blood, will produce a well visible beta hemolysis on horse blood. Staphylococcus aureus which is usually beta hemolytic on sheep blood, will often be non-hemolytic on horse blood.	20
254005	<b>Columbia Agar with 5% Sheep Blood</b>	20
254071	This is a highly nutritious general purpose medium for the isolation and cultivation of nonfastidious and fastidious microorganisms from a variety of clinical and non-clinical 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.	120
254007	<b>Columbia CNA Agar with 5% Sheep Blood</b>	20
254072	This is a selective and differential medium used for the isolation of Gram-positive microorganisms from clinical and non-clinical materials.	120
257303	<b>Columbia CNA Agar with 5% Sheep Blood, Improved</b>	20
257306	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 hemolytic reactions which are especially important in the presumptive diagnosis of streptococci. In Columbia CNA Agar with 5% Sheep Blood, improved the concentration of nalidixic acid has been reduced to increase the recovery of Gram-positive cocci from clinical samples.	120
255086	<b>CNA Agar with Crystal Violet and 5% Sheep Blood, Modified</b> Modified CNA Agar with Crystal Violet and 5% Sheep Blood is a selective medium for the isolation of streptococci and enterococci and inhibits staphylococci and Gram-negative bacteria.	20
254097	<b>Columbia III Agar with 5% Sheep Blood</b>	20
254098	This is a highly nutritious general purpose medium for the isolation and cultivation of nonfastidious and fastidious microorganisms from a variety of clinical and non-clinical material. It is more nutritious than Columbia Agar with 5% Sheep Blood. Selected proprietary growth factors have been added that enhance the beta hemolysis, especially of streptococci.	120
257587	<b>COST Agar 90 mm</b> Columbia Agar with 5% Sheep Blood and Polysorbate 80.	20
254012	<b>DCLS Agar (Desoxycholate-Citrat-Lactose-Saccharose)</b> Desoxycholate Citrate Lactose Sucrose Agar is a moderately selective differential medium for isolation of <i>Salmonella</i> , <i>Shigella</i> , and cholera vibrios from clinical and other specimens.	20
254429	<b>Dermatophyte Agar</b> This is a selective medium for the isolation of pathogenic fungi from cutaneous sources such as skin, hair, and nails.	20
254010	<b>Desoxycholate Agar</b> Desoxycholate Agar is a slightly selective and differential medium used for isolating and differentiating Gram-negative enteric bacilli. (mainly <i>Enterobacteriaceae</i> )	20
255506	<b>DNase Test Agar</b> Differential medium used for the detection of deoxyribonuclease activity to aid in the identification of bacteria.	20
297202	<b>DNase Test Agar with Methyl Green</b> Used in the detection of deoxyribonuclease (DNase) activity of microorganisms, especially for the identification of pathogenic staphylococci. It contains a dye to eliminate the necessity of adding reagent to the agar plate following incubation.	20

Cat. No.	Description	Quantity
256500	<b>Drigalski Lactose Agar</b> Selective and differential medium for the isolation of <i>Enterobacteriaceae</i> and certain nonfermenters from several specimens.	20
256525	<b>Drigalski Lactose Agar with Ceftazidime</b> Used for isolating and detecting <i>Enterobacteriaceae</i> resistant to broad spectrum cephalosporins.	20
254014	<b>EMB Agar (Eosin-Methylene-Blue)</b>	20
254073	Eosin Methylene Blue (EMB) Agar, Modified, Holt-Harris and Teague is a slightly selective and differential medium for the isolation and differentiation of Gram-negative enteric bacilli ( <i>Enterobacteriaceae</i> and several other Gram-negative rods) from both clinical and non-clinical specimens.	120
254016	<b>Endo Agar</b>	20
254074	Endo Agar is a slightly selective and differential medium for the isolation, cultivation, and differentiation of <i>Enterobacteriaceae</i> and several other Gram-negative rods from both clinical and non-clinical specimens.	120
254019	<b>Enterococcosel™ Agar</b> For isolation and differentiation of <i>Enterobacteriaceae</i> and several other Gram-negative rods. BD Enterococcosel™ Agar, a Bile Esculin Agar with Azide, is a selective medium for the rapid isolation and enumeration of fecal enterococci from clinical and non-clinical specimens.	20
254094	<b>Gardnerella Selective Agar with 5% Human Blood</b> Gardnerella Selective Agar with 5% Human Blood is a partially selective and differential medium for the isolation of <i>Gardnerella vaginalis</i> from clinical specimens.	20
254060	<b>GC-Chocolate Agar</b>	20
254089	Chocolate Agar (GCII Agar with BD IsoVitaleX™) is a non-selective medium for the isolation and cultivation of fastidious microorganisms, especially <i>Neisseria</i> and <i>Haemophilus</i> species, from a variety of clinical specimens.	120
254554	<b>GC-Lect™ Agar</b>	20
254555	BD GC-Lect™ Agar is a selective plated 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.	120
254050	<b>Group A, Selective Strep Agar with 5% Sheep Blood</b> A selective medium for use in the isolation and presumptive identification of group A streptococci from throat cultures and other specimens.	20
257079	<b>Group B, Streptococcus Differential Agar (Granada Medium)</b> This agar is used for the isolation and identification of <i>Streptococcus agalactiae</i> (Group B Streptococcus) from clinical specimens.	20
254058	<b>Haemophilus Test Medium Agar (HTM Agar)</b> 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).	20
257026	<b>Heart Infusion Agar with 5% Sheep Blood</b> 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.	20
254009	<b>Hektoen Enteric Agar</b>	20
254075	Hektoen Enteric Agar is a moderately selective and differential medium for the isolation and differentiation of Gram-negative enteric microorganisms from both clinical and non-clinical specimens. It is of particular importance as a medium for the isolation of <i>Shigella</i> and <i>Salmonella</i> species.	120
254430	<b>Helicobacter Agar</b> Helicobacter Agar is a selective medium for the isolation of <i>Helicobacter pylori</i> from gastric specimens.	20
254021	<b>Iso RES Agar</b>	20
254076	A semi-defined medium for the susceptibility testing of nonfastidious organisms with the agar diffusion (Kirby-Bauer) method.	120
254413	<b>Kimmig Agar</b> Used for the isolation, cultivation, and maintenance of fungi from clinical and other sources.	20



Cat. No.	Description	Quantity
255011	<b>LBS Agar</b> LBS Agar is a semi-defined, partially selective medium for the isolation and enumeration of lactobacilli from foods and from intestinal, vaginal, and dental flora.	20
257321	<b>Legionella BCYE Agar</b> A medium used in qualitative procedures for isolation of <i>Legionella</i> species from clinical specimen and nonclinical environmental samples.	120
254550	<b>Legionella BCYE Agar without Antibiotics (conform NEN) with Pimaricin</b> A medium for the detection and presumptive identification of <i>Legionella</i> species from water.	120
254549	<b>Legionella BCYE Agar with L-Cysteine and Antibiotics (conform NEN)</b>	120
254552	<b>Legionella BCYE Agar without L-Cysteine (conform NEN) with Pimaricin</b> Is a control medium to detect the presence of bacteria other than <i>Legionella</i> which may appear on 254550 and 254549.	120
221808	<b>Legionella BCYE Agar with L-Cysteine</b> Buffered Coal Yeast Agar is used for the isolation and cultivation of <i>Legionella</i> species.	10
254414	<b>Legionella BCYE Agar with Vancomycin and Colistin</b>	20
254543	Selective medium for the isolation of <i>Legionella</i> species from water and clinical specimens.	120
257007	<b>Legionella GVPC Medium</b>	20
257586	GVPC (Glycine-Vancomycin-Polymyxin-Cycloheximide Medium) is a selective medium for the isolation of <i>Legionella</i> species from water and other environmental sources.	120
257542	<b>Legionella MWY Agar</b> A ready-to-use medium for the isolation of <i>Legionella</i> from environmental samples, mainly from drinking water.	120
257607	<b>Lethen Agar, Modified with Polysorbate (TMLA)</b> Also known as TMLA (*Tween® Modified Lethen Agar). Microbiological evaluation of cosmetics - neutralizes quaternary ammonium compounds.	120
256009	<b>MacConkey Agar without Salt</b>	20
257286	This is a differential medium for the isolation of <i>Enterobacteriaceae</i> , staphylococci, and enterococci from specimens of sanitary importance and from clinical specimens such as urines.	120
254455	<b>MacConkey Agar with Sorbitol</b>	20
298519	This is a partially selective differential medium for the isolation of sorbitol nonfermenting <i>E. coli</i> O157:H7 from clinical, veterinary, food, and environmental sources.	100
254025	<b>MacConkey II Agar</b>	20
254078	MacConkey II Agar is a selective and differential medium for the isolation and differentiation of <i>Enterobacteriaceae</i> and a variety of other Gram-negative rods from clinical and non-clinical specimens.	120
254027	<b>Mannitol Salt Agar</b>	20
254079	Mannitol Salt Agar is a selective and differential medium for the isolation and enumeration of staphylococci from clinical and non-clinical specimens and their differentiation according to mannitol fermentation.	120
254029	<b>Martin Lewis Agar, Modified</b> Martin-Lewis Agar, Modified 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.	20
254520	<b>Middlebrook 7H10 Agar</b>	20
254521	Middlebrook 7H10 Agar contains a variety of inorganic salts which provide substances essential for the growth of myco-bacteria. 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 utilized 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. Used in qualitative procedures for the isolation and cultivation of <i>Mycobacteria</i> .	120

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Cat. No.	Description	Quantity
254035	<b>Mueller Hinton Chocolate Agar</b>	20
254082	May be used for the susceptibility testing of <i>Neisseria gonorrhoeae</i> and for the isolation and cultivation of fastidious bacteria from clinical specimens.	120
254032	<b>Mueller Hinton II Agar</b>	20
254081	Mueller Hinton II Agar, available in several plate formats and package sizes, is used in the standardized disc diffusion procedure for determining the susceptibility of rapidly growing aerobic organisms to antimicrobial agents.	120
254030	<b>Mueller Hinton II Agar with 5% Sheep Blood</b>	20
254080	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 standardized by CLSI (formerly the National Committee for Clinical Laboratory Standards NCCLS).	120
254063	<b>Mycoplate MS Agar</b> A non-selective medium for cultivation of fungi and differentiation of yeast (genus <i>Candida</i> ) based on morphological markers.	20
254417	<b>Mycosel™ Agar</b> BD Mycosel™ Agar is a highly selective medium for the isolation of pathogenic fungi from materials having a large flora of other fungi and bacteria.	20
257004	<b>MYP Agar</b> Manitol Egg Yolk Polymyxin Agar is a settling medium for the isolation and enumeration of <i>Bacillus cereus</i> from foods.	20
254444	<b>Neomycin Agar with 5% Sheep Blood</b> Neomycin Blood Agar is used for the isolation of group A streptococci ( <i>S. pyogenes</i> ) and group B streptococci ( <i>S. agalactiae</i> ) from clinical specimens in which the presence of these organisms is suspected.	20
254481	<b>OPFBL Agar</b> Oxidation/Fermentation - Polymyxin - Bacitracin - Lactose Agar is used in the selective isolation and detection of <i>Burkholderia cepacia</i> from clinical and non-clinical specimens.	20
254570	<b>Oxacillin Screen Agar / MRSA</b> 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 Kirby-Bauer antimicrobial disc susceptibility test procedure, the oxacillin screen test may be conveniently performed on isolates at the same time as routine susceptibility testing.	10
221179	<b>Phenylethyl Alcohol Agar with 5% Sheep Blood</b> Phenylethyl Alcohol (PEA) Agar is a selective medium for the isolation of Gram-positive organisms, particularly Gram-positive cocci, from specimens of mixed Gram-positive and Gram-negative flora. The medium, supplemented with 5% sheep blood, should not be used for determination of hemolytic reactions since atypical reactions may be observed.	20
254483	<b>Plate Count Agar / Standard Methods Agar</b> Plate Count Agar, also known as Standard Methods Agar, is a Standard Methods medium used for enumerating aerobic bacteria in water, waste-water, foods, and dairy products.	20
254108	<b>Potato Glucose Agar</b> Potato Glucose Agar is used for the cultivation and enumeration of yeasts and molds.	20
254419	<b>Pseudosel™ Agar</b> BD Pseudosel™ Agar is used for the selective isolation of <i>Pseudomonas aeruginosa</i> from a variety of specimens.	20
212919	<b>Pseudomonas CFC Agar</b> Is used for the isolation of <i>Pseudomonas</i> species and related organisms (e.g. <i>Burkholderia cepacia</i> ) from food, water, pharmaceuticals, and environmental samples.	20
257002	<b>Pseudomonas Isolation Agar</b> Pseudomonas Isolation Agar is used in isolating <i>Pseudomonas</i> and differentiating <i>Pseudomonas aeruginosa</i> from other pseudomonads based on pigment formation.	20
257008	<b>R2A Agar</b>	20

Cat. No.	Description	Quantity
257073	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 analyses.	120
254091	<b>Sabouraud Glucose Agar with Chloramphenicol</b> Sabouraud Glucose Agar with Chloramphenicol is a selective medium for the isolation of fungi from clinical and non-clinical material.	20
254039	<b>Sabouraud Glucose Agar</b>	20
254083	Sabouraud Dextrose Agar is used for isolation and cultivation of fungi from clinical and non-clinical material.	120
254041	<b>Sabouraud Glucose Agar with Gentamycin and Chloramphenicol</b>	20
254096	Sabouraud Glucose Agar with Gentamycin and Chloramphenicol is a selective medium for the isolation of fungi from clinical and non-clinical material.	120
255504	<b>Sabouraud Glucose Agar with Chloramphenicol and Cycloheximide</b> Sabouraud Glucose Agar with Chloramphenicol and Cycloheximide is a selective medium for the isolation of fungi from clinical and non-clinical material.	20
254451	<b>Sabouraud Glucose Agar with Penicillin and Streptomycin</b> Sabouraud Glucose Agar with Penicillin and Streptomycin is a selective medium for the isolation of fungi that exhibit inhibition of bacteria.	20
254047	<b>Salmonella Shigella Agar (SS Agar)</b>	20
254085	Salmonella Shigella Agar (SS Agar) is a differential selective medium for the isolation of pathogenic enteric bacilli, especially those belonging to the genus <i>Salmonella</i> .	120
254042	<b>Schaedler Agar with 5% Sheep Blood and Vitamin K1</b>	20
254084	Schaedler Agar with Vitamin K1 and 5% Sheep Blood is a highly nutritious medium for the isolation and cultivation of fastidious anaerobic microorganisms.	120
254485	<b>Schaedler CNA Agar with 5% Sheep Blood</b> A partially selective medium (Colistin-Nalidixic Acid) for the isolation of strictly anaerobic Gram-positive cocci and other anaerobic Gram-positive bacteria from clinical specimens.	20
254023	<b>Schaedler Kanamycin / Vancomycin Agar with 5% Sheep Blood</b>	20
254077	Schaedler Kanamycin-Vancomycin Agar with 5% Sheep Blood is 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.	120
221870	<b>Seven H11 Agar (Deep Fill)</b> Used in qualitative procedures for isolation and cultivation of mycobacteria, especially <i>Mycobacterium tuberculosis</i> , from clinical and non-clinical specimens. The plates are deep-filled to reduce the effects of drying during prolonged incubation.	10
254432	<b>TCBS Agar</b> 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 non-clinical specimens.	20
254051	<b>Trypticase™ Soy Agar</b>	20
254086	General purpose media which support the growth of nonfastidious as well as moderately fastidious microorganisms. The nutritional composition of Trypticase Soy Agar has made it a popular medium for many years. It is the medium specified as Soybean-Casein Digest Agar Medium in the United States Pharmacopeia, European Pharmacopeia, and Japanese Pharmacopeia for the total aerobic microbial count portion of the microbial limit testing procedures. The medium is used for a multitude of purposes including maintenance of stock cultures, plate counting, isolation of microorganisms from a variety of specimen types and as a base for media containing blood. It is included in the compendia of methods for the examination of water, waste-water and foods.	120
212099	<b>Trypticase™ Soy Agar II with 5% Horse Blood</b> BD Trypticase™ Soy Agar with 5% Horse Blood (TSA II) is a nutritious general purpose medium for the isolation and cultivation of nonfastidious and fastidious microorganisms from a variety of clinical and non-clinical materials and the detection of hemolytic reactions.	20
254053	<b>Trypticase™ Soy Agar II with 5% Sheep Blood</b>	20

Cat. No.	Description	Quantity
254087	BD Trypticase™ Soy Agar with 5% Sheep Blood (TSA II) is a nutritious general purpose medium for the isolation and cultivation of nonfastidious and fastidious microorganisms from a variety of clinical and non-clinical materials and the detection of hemolytic reactions.	120
222204	<b>Vancomycin Screen Agar</b> Vancomycin Screen Agar supports dependable testing for enterococcal isolates exhibiting vancomycin resistance.	10
254486	<b>Violet Red Bile Glucose (VRBG) Agar</b> VRBG Agar is used for the enumeration and isolation of <i>Enterobacteriaceae</i> from foods and dairy products. Glucose is the carbon and energy source. Bile salts and crystal violet inhibit Gram-positive bacteria. Glucose fermenters produce red colonies with red-purple halos in the presence of neutral red, a pH indicator.	20
254479	<b>Wilkins-Chalgren Agar with Amikacin and 7% Sheep Blood</b> Wilkins Chalgren Agar with Amikacin and 7% Sheep Blood is a selective medium for the isolation of strictly anaerobic bacteria from clinical specimens. Due to the amikacin, most facultative organisms will be inhibited.	20
254055	<b>Xylose Lysine Desoxycholate (XLD) Agar</b>	20
254090	Xylose Lysine Desoxycholate Agar is a moderately selective and differential medium for the isolation and differentiation of Gram-negative enteric pathogens from both clinical and non-clinical specimens ( <i>Salmonella</i> and <i>Shigella</i> ). It is especially suitable for the isolation of <i>Shigella</i> species.	120
254056	<b>Yersinia Selective Agar (CIN)</b>	20
254088	Yersinia Selective Agar (= CIN = Cefsulodin-Irgasan-Novobiocin Agar) is a selective differential medium for the isolation of <i>Yersinia enterocolitica</i> .	120
<b>2.1.2</b>	<b>Special Format</b>	
2.1.2.1	Biplates	
254489	<b>CHROMagar® Orientation Medium // Columbia CNA Agar with 5% Sheep Blood</b> BD CHROMagar® Orientation combined with Columbia CNA Agar is used for the isolation and of bacteria commonly involved in urinary tract infections. While BD CHROMagar® Orientation is a 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.	20
257562	<b>CLED Agar // MacConkey II Agar</b> CLED Agar is a differential culture medium for use in isolating and enumerating bacteria in urine. MacConkey II Agar is used for Isolation of Gram-negative enteric bacilli from specimens that may contain swarming strains of <i>Proteus</i> .	20
257598	<b>Columbia Agar 5% Sheep Blood // Legionella BCYE Agar</b> Ready-to-use media for the isolation and differentiation of Legionella from other organisms.	20
254553	<b>DCLS Agar (Desoxycholate-Citrat-Lactose-Saccharose) // Hektoen Entero Agar</b> Desoxycholate Citrate Lactose Sucrose Agar is a moderately selective differential medium for isolation of <i>Salmonella</i> , <i>Shigella</i> , and Cholera vibrios from clinical and other specimens. Hektoen Enteric Agar is a moderately selective and differential medium for the isolation and differentiation of Gram-negative enteric microorganisms from both clinical and non-clinical specimens. It is of particular importance as a medium for the isolation of <i>Shigella</i> and <i>Salmonella</i> species.	20
221783	<b>Group A Selective Strep Agar (SSA™) // Trypticase™ Soy Agar (TSA II™) with 5% Sheep Blood</b> Group A Selective Strep Agar with 5% Sheep Blood (SSA™) 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. Group B streptococci will also grow on this medium; most other streptococci, neisseriae, staphylococci and Gram-negative bacteria are inhibited. BD Trypticase™ TSA II is used for cultivating fastidious microorganisms and for the visualization of hemolytic reactions produced by many bacterial species.	20
257574	<b>MacConkey Agar // Columbia CNA Agar with 5% Sheep Blood</b>	20
257584	Mac Conkey Agar in combination with Columbia CNA Agar with 5% Sheep Blood is used for the selective isolation of Gram-negative and Gram-positive bacteria.	120

Cat. No.	Description	Quantity
254515	<b>Sabouraud GC Agar // CHROMagar® Candida Medium</b> Sabouraud Glucose Agar with Gentamycin and Chloramphenicol 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.	20
254476	<b>Schaedler Agar // Schaedler KV Agar with 5% Sheep Blood</b>	20
257589	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.	120
221290	<b>Trypticase™ Soy Agar with 5% Sheep Blood (TSA II™) // MacConkey II Agar</b>	20
221291	BD Trypticase™ Soy Agar with 5% Sheep Blood (TSA II) is a nutritious general purpose medium for the cultivation of fastidious microorganisms from a variety of clinical and non-clinical materials and the detection of hemolytic reactions. MacConkey II Agar is a selective and differential medium for the detection of coliform organisms and enteric pathogens from clinical and non-clinical specimens.	100
221949	<b>Trypticase™ Soy Agar with 5% Sheep Blood (TSA II) // MacConkey II Agar with MUG</b> BD Trypticase™ Soy Agar with 5% Sheep Blood (TSA II) is a nutritious general purpose medium for the cultivation of fastidious microorganisms from a variety of clinical and non-clinical materials and the detection of hemolytic reactions. MacConkey II Agar with MUG is used for the presumptive identification of <i>Escherichia coli</i> .	20
2.1.2.2	Other	
221954	<b>Haemophilus Test Medium Agar (HTM), 150 mm</b> 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).	8
254517	<b>Mueller Hinton Agar with 5% Sheep Blood, square, 120 mm</b> Mueller Hinton Agar with 5% Sheep Blood, is recommended for disc diffusion susceptibility testing of <i>Streptococcus pneumoniae</i> and other streptococci as standardized by CLSI (formerly the National Committee for Clinical Laboratory Standards NCCLS).	20
254518	<b>Mueller Hinton II Agar, square, 120 mm</b> Mueller Hinton II Agar, is used in the standardized disc diffusion procedure for determining the susceptibility of rapidly growing aerobic organisms to antimicrobial agents.	20
254062	<b>Mueller Hinton II Agar, 150 mm</b> Mueller Hinton II Agar, available in several plate formats and package sizes, is used in the standardized disc diffusion procedure for determining the susceptibility of rapidly growing aerobic organisms to antimicrobial agents.	20
255080	<b>Mueller Hinton II Agar with 5% Sheep Blood, 150 mm</b> Mueller Hinton Agar with 5% Sheep Blood, is recommended for disc diffusion susceptibility testing of <i>Streptococcus pneumoniae</i> and other streptococci as standardized by CLSI (formerly the National Committee for Clinical Laboratory Standards NCCLS).	20
2.1.2.3	Aseptic Contact Plates	
254969	<b>COST Agar (RODAC™ locking lid)</b> Columbia Agar with 5% Sheep Blood and Polysorbate 80. Medium for the detection of <i>Corynebacterium jeikeium</i> and other skin microorganisms in sanitary areas.	33
254038	<b>Trypticase™ Soy Agar with Lecithin and Polysorbate 80 (RODAC™ locking lid)</b> Used for the detection of microorganisms surviving after treatment of surfaces and materials with antiseptics.	33

Cat. No.	Description	Quantity
2.1.3	<b>BD Hycheck™ Hygiene Contact Paddles</b>	
	Hycheck™ paddles are used to assess the microbiological contamination of surfaces and fluids. The two-sided media paddles feature a hinged paddle that bends for easy sampling. The defined surface area creates a flexible solution to a variety of environmental monitoring needs.	
	Monitoring industrial fluids (cooling tower water, machine tool coolants and paper slurry) for bacteria is done to prevent the fluids from causing a variety of ill effects including equipment damage, contact dermatitis, unpleasant odor, clogged nozzles and filters, and contaminated/damaged product.	
	The surface area of the paddle is clearly divided into seven units of one centimeter each to allow direct counting of microbial density per unit area. The Hycheck™ range of hygiene contact slides consists of seven media combinations designed to meet the various needs for monitoring different types of microbial contamination.	
290001	<b>Hycheck™ D/E Neutralizing Agar</b> D/E Neutralizing Agar on both sides of the slide.	10
290003	<b>Hycheck™ for Enterobacteriaceae</b> Tryptic Soy Agar and Violet Red Bile Glucose Agar.	10
290005	<b>Hycheck™ for Total Count</b> Plate Count Agar and Plate Count Agar with TTC.	10
290006	<b>Hycheck™ for Yeasts and Molds</b> Tryptic Soy Agar and Rose Bengal Chloramphenicol Agar.	10
290007	<b>Hycheck™ for Yeasts and Molds with Triphenyltetrazolium Chloride (TTC)</b> Tryptic Soy Agar with 0.01% TTC and Rose Bengal Chloramphenicol Agar.	10
290004	<b>Hycheck™ Plate Count Agar with TTC</b> Plate Count Agar with TTC on both sides.	10
290002	<b>Hycheck™ for Disinfection Control</b> Tryptic Soy Agar and D/E Neutralizing Agar.	10
290009	<b>Hycheck™ Sabouraud Dextrose Agar</b> Sabouraud Dextrose Agar for the recovery of fungi (yeasts and molds) on both sides of the slide.	10
290011	<b>Hycheck™ Tryptic Soy Agar</b> Tryptic Soy Agar on both sides of the slide.	10
2.1.4	Accessories	
212976	<b>RODAC™ Rack Blue</b> RODAC™ racks specially designed to hold plates tightly in place for convenient carrying in the laboratory and clean room. In addition, you will have enhanced safety with RODAC™ plate lids held securely in place. RODAC™ racks are available in a variety of colors to differentiate samples.	1
212978	<b>RODAC™ Rack Green</b>	1
212977	<b>RODAC™ Rack Orange</b>	1
210340	<b>RODAC™ Unfilled Plates, 55 mm</b> BD RODAC™ (Replicate Organism Detection and Counting) plates may be used for the detection and enumeration of microorganisms present on surfaces of sanitary importance. BD RODAC™ plates are recommended for use in a wide variety of surface sampling programs and may be employed to establish and monitor cleaning techniques and schedules.	500



BD Hycheck™ Hygiene Contact Paddles, for monitoring surfaces and liquids.

Cat. No.	Description	Quantity
257517	<b>Stacker™ Dishes (aseptically packed 90 mm empty dishes)</b> Single wrapped - in stacks of 30 - empty petri dishes.	6240
257524	<b>Stacker™ Bi-Dishes (aseptically packed 90 mm empty dishes)</b> Single wrapped - in stacks of 30 - empty petri dishes.	6240
257404	<b>TranS Bag, Sterile Transport Bags (for 90 mm plates)</b> Transparent gamma irradiated bags for transport of plates from sampling site to the lab. 10 transport bags each are triple-packed in sealed PE-PET bags.	100
257405	<b>TranS Bag, Sterile Transport Bags (for 55 mm plates)</b> Transparent gamma irradiated bags for transport of plates from sampling site to the lab. 10 transport bags each are triple-packed in sealed PE-PET bags.	100

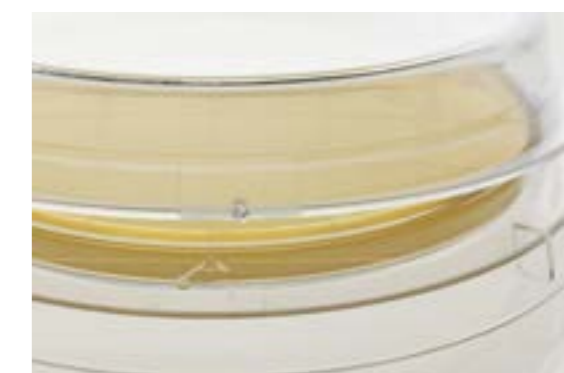
### BBL™ IC-XT Plated Media

The BBL™ IC-XT (Isolator Cleanroom eXTended) Plated Media are designed to meet the needs of the pharmaceutical microbiologist for monitoring isolators and cleanrooms.

BBL™ IC-XT products offer an increased shelf life of about 6 months, combined with a flexible storage temperature from 2 - 25 °C.

The BBL™ IC-XT pack plates have a Sterility Assurance Level (SAL) of 10<sup>-5</sup>. All 3 bag layers are VHP resistant and hanging holes are included in all bags. Drying sachets attached to the plates block the appearance of excessive moisture. A new locking lid design of RODAC plates secures the attachment of the lid to the base of the plate after sampling. Full validation packages for SAL, VHP resistance, shelf life, gamma-irradiation and H<sub>2</sub>O<sub>2</sub> neutralization are available on request.

Our unique see through film combines easy opening with a clear plastic film so that you can see and check products prior to use.



BBL™ IC-XT plated media range with new locking lid

### 2.2. Gamma Irradiated Tripple Wrapped Media

2.2.1 BD BBL™ IC-XT Pack 90 mm

257614	<b>CDC Anaerobe Agar Base and Penase, IC-XT Pack</b>	90 mm	100
257618	<b>Sabouraud Dextrose Agar with Lecithin and Polysorbate 80, IC-XT Pack</b>	90 mm	100
257619	<b>Sabouraud Dextrose Agar with Lecithin and Polysorbate 80 and Chloramphenicol, IC-XT Pack</b>	90 mm	100
257616	<b>Sanitizer Neutralizing Agar, IC-XT Pack</b>	90 mm	100
257632	<b>Trypticase™ Soy Agar, IC-XT Pack</b>	90 mm	100
257635	<b>Trypticase™ Soy Agar with Lecithin and Polysorbate 80, IC-XT Pack</b>	90 mm	100
257633	<b>Trypticase™ Soy Agar with Lecithin and Polysorbate 80 and Penase, IC-XT Pack</b>	90 mm	100

2.2.2 BD BBL™ IC-XT Pack 55 mm (RODAC™ locking lid)

257615	<b>CDC Anaerobe Agar Base and Penase, IC-XT Pack</b>	RODAC LL	100
257630	<b>Sabouraud Dextrose Agar with Lecithin and Polysorbate 80, IC-XT Pack</b>	RODAC LL	100
257628	<b>Sabouraud Dextrose Agar with Lecithin and Polysorbate 80 and Chloramphenicol, IC-XT Pack</b>	RODAC LL	100
257617	<b>Sanitizer Neutralizing Agar, IC-XT Pack</b>	RODAC LL	100
257637	<b>Trypticase™ Soy Agar with Lecithin and Polysorbate 80, IC-XT Pack</b>	RODAC LL	100
257550	<b>Trypticase™ Soy Agar with Lecithin and Polysorbate 80, IC-XT Pack (20x5)</b>	RODAC LL	100

Cat. No.	Description		Quantity
257634	Trypticase™ Soy Agar with Lecithin and Polysorbate 80 and Penase, IC-XT Pack	RODAC LL	100
2.2.3	BD BBL™ IC-XT Pack 140 mm		
257629	Sabouraud Dextrose Agar with Lecithin and Polysorbate 80, IC-XT Pack	140 mm	30
257636	Trypticase™ Soy Agar with Lecithin and Polysorbate 80, IC-XT Pack	140 mm	30

## 2.3 BD Sterile Pack Swabs

BD Sterile Pack Swabs are double-wrapped (VHP resistant), gamma irradiated, ready-to-use sterile swabs for surface sampling, combined with a rinse solution-filled tube.

The ATP-free Dacron™ swab has a one year shelf-life at room temperature storage.



BD Sterile Pack Swabs for Environmental Monitoring.

### 2.3.1 Sterile Pack Swabs; Double wrapped / Gamma-irradiated

220518	Sterile Pack Swab	200
	<p>Maximum sterility with double wrapped packaging, gamma-irradiation and performance validation.</p> <ul style="list-style-type: none"> <li>- Packaged 50 to a box, with 10 single wrapped swabs in each double wrapped pouch. The polypropylene tube is pre-filled with a 10 ml rinse solution</li> <li>- Simple sampling and transport, easy-to-use swab is fixed to the screw cap</li> <li>- Each lot comes with a Certificate of Analysis</li> <li>- Saves time, no need to create your own media and swab/solution set in-house</li> <li>- Convenient and cost-effective solution</li> <li>- One year shelf-life, at room temperature storage</li> </ul>	

BD bottles are validated at a sterility assurance level (SAL) of 10<sup>-6</sup>. Their labels are transparent for better visual control. BD uses clear FTM filled under a stream of nitrogen gas, resulting in a decoloration of the resazurin indicator.

### Use

BD Prepared Bottled Media are intended for the detection of micororganisms from pharmaceutical, food, environmental or water testing samples. They are ready for immediate use. FTM (Fluid Thioglycollate Medium) is prepared using a special purified agar which results in a clear medium solution.

### BD Standard Bottles

The most extensive line of Sterility Testing Media currently available. Quality and consistent performance make them a standard.

### BD ETO Gassed Multipacked Bottles

BD ETO (Ethylene Oxide) gassed Sterility Testing Bottles combine the advantages of the standard Sterility Testing Bottles, with a sterile double wrapping of the box. Bottles are wrapped in a polypropylene box, 2 Stericlin® bags and an outer transport box.

### BD Sterile Pack Double-Wrapped Bottles

BD Sterile Pack Sterility Testing Bottles are terminally sterilized inside autoclavable double-bags. This unique manufacturing process results in a bottle exterior that is free from microbial contaminants.

### Types

BD Prepared Bottled Media are offered in a variety of bottle styles and fill volumes designed to meet customer's requirements.

#### 2.4.1 Sterility Testing

##### 2.4.1.1 Standard Packaging

257144	<b>Fluid Thioglycollate Medium (20 ml), screw cap, EP/USP</b> Used for the sterility testing of biologics and for the enrichment and cultivation of anaerobes, aerobes, and microaerophiles.	vial, 30 ml	50
257176	<b>Fluid Thioglycollate Medium (100 ml), septum, EP/USP</b>	infusion bottle, 100 ml	25
257143	<b>Fluid Thioglycollate Medium (100 ml), screw cap/septum with hole, EP/USP</b>	syrup bottle, 150 ml	25
257317	<b>Fluid Thioglycollate Medium (100 ml), twist-off, EP/USP</b>	wide mouth bottle, 150 ml	25
257422	<b>Fluid Thioglycollate Medium (100 ml), twist-off, EP/USP</b>	wide mouth bottle, 150 ml	25
257485	<b>Fluid Thioglycollate Medium (100 ml), twist-off, EP/USP</b>	wide mouth bottle, 245 ml	10
257408	<b>Fluid Thioglycollate Medium (300 ml) septum, EP/USP</b>	infusion bottle, 500 ml	10
257406	<b>Fluid Thioglycollate Medium (600 ml) septum, EP/USP</b>	infusion bottle, 1000 ml	4



Cat. No.	Description	Bottle/Bag Type	Packaging
257206	<b>Fluid Thioglycollate with 1% Polysorbate 80 (100 ml), screw cap/septum with hole</b> Used for the sterility testing of biologics and for the enrichment and cultivation of anaerobes, aerobes, and microaerophiles. Polysorbate is used for testing oils or materials containing lecithin.	syrup bottle, 150 ml	25
257107	<b>Trypticase™ Soy Broth (20 ml), screw cap, CE, EP/USP</b> A general purpose medium used in qualitative procedures for the detection, isolation, and cultivation of fastidious and nonfastidious microorganisms and used in sterility testing.	vial, 30 ml	50
257583	<b>Tryptic Soy Broth (90 ml), screw cap, EP/USP</b>	syrup bottle, 150 ml	25
257488	<b>Tryptic Soy Broth (90 ml), twist-off, EP/USP</b>	wide mouth bottle, 245 ml	10
257541	<b>Tryptic Soy Broth (90 ml), twist-off, EP/USP</b>	wide mouth, bottle, 380 ml	10
257247	<b>Trypticase™ Soy Broth (100 ml), septum, EP/USP</b>	infusion bottle, 125 ml	25
257159	<b>Trypticase™ Soy Broth (100 ml), screw cap/septum with hole, EP/USP</b>	syrup bottle, 150 ml	25
257316	<b>Tryptic Soy Broth (100 ml), twist-off, EP/USP</b>	wide mouth bottle, 150 ml	25
257424	<b>Tryptic Soy Broth (100 ml), twist-off, EP/USP</b>	wide mouth bottle, 150 ml	25
257486	<b>Tryptic Soy Broth (100 ml), twist-off, EP/USP</b>	wide mouth bottle, 245 ml	10
257411	<b>Trypticase™ Soy Broth (200 ml), septum, EP/USP</b>	infusion bottle, 250 ml	10
257412	<b>Trypticase™ Soy Broth (300 ml), septum, EP/USP</b>	infusion bottle, 500 ml	10
257414	<b>Trypticase™ Soy Broth (600 ml), septum, EP/USP</b>	infusion bottle, 1000 ml	4
257203	<b>Trypticase™ Soy Broth (5 l), EP/USP</b>	serum bag, 5 l	2
257202	<b>Trypticase™ Soy Broth (10 l), EP/USP</b>	serum bag, 10 l	1
257366	<b>Tryptic Soy Broth (100 ml) with 0.5% Polysorbate 80, single wrapped, septum</b>	infusion bottle, 125ml	2
257205	<b>Tryptic Soy Broth with 1% Polysorbate 80 (100 ml), screw cap/septum with hole</b>	syrup bottle, 150ml	25
257161	<b>Trypticase™ Soy Broth, double strength (50 ml), septum</b>	infusion bottle, 100 ml	25
254960	<b>Tryptic Soy Broth, double strength (50 ml), twist-off</b> 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 dilution of larger volumes of liquid materials.	wide mouth bottle, 150 ml	25

#### 2.4.1.2 ETO Packaging

257097	<b>Fluid Thioglycollate Medium, (ETO) double wrapped (100 ml), septum, EP/USP,</b>	infusion bottle, 125 ml	44
257211	<b>Trypticase™ Soy Broth (ETO) double wrapped (50 ml), screw cap/septum with hole, EP/USP</b>	syrup bottle, 100 ml	48
257307	<b>Trypticase™ Soy Broth (ETO) double wrapped (100 ml), septum, EP/USP</b>	infusion bottle, 125 ml	44

#### 2.4.1.3 Double Wrapped

257217	<b>Fluid Thioglycollate Medium, double wrapped (100 ml), septum, EP/USP,</b>	infusion bottle, 125 ml	10
257293	<b>Fluid Thioglycollate Medium, double wrapped (100 ml), twist-off, EP/USP</b>	wide mouth bottle, 245 ml	10
257219	<b>Fluid Thioglycollate Medium, double wrapped (340 ml), screw cap, EP/USP</b>	lab bottle, 500 ml with scale	10
257569	<b>Fluid Thioglycollate Medium, double wrapped (800 ml), septum, EP/USP</b>	infusion bottle, 1000 ml	4

Cat. No.	Description	Bottle/Bag Type	Packaging
257213	<b>Trypticase™ Soy Broth, double wrapped (100 ml), septum, EP/USP</b>	infusion bottle, 125 ml	10
257294	<b>Trypticase™ Soy Broth, double wrapped (100 ml), twist-off, EP/USP</b>	wide mouth bottle, 245 ml	10
257215	<b>Tryptic Soy Broth, double wrap (250 ml), twist-off, EP/USP</b>	wide mouth bottle, 380 ml	10
257197	<b>Trypticase™ Soy Broth, double wrapped (800 ml), screw cap, EP/USP</b>	syrup bottle, 1000 ml	4

#### 2.4.2 Fluids

##### 2.4.2.1 Standard Packaging

257332	<b>Fluid A (100 ml), septum, USP</b> Diluting and rinsing fluid for sterility tests of pharmaceutical products according to the membrane filtration method.	infusion bottle, 125 ml	25
254965	<b>Fluid A (100 ml), twist-off, USP</b>	wide mouth bottle, 150 ml	25
254979	<b>Fluid A (300 ml), septum, USP</b>	infusion bottle, 500 ml	10
257511	<b>Fluid A with ascorbic acid (300 ml), septum</b>	infusion bottle, 500 ml	10
257241	<b>Fluid D (300 ml), septum, USP</b> Diluting and rinsing fluid for sterility tests of pharmaceutical products according to the membrane filtration method. Fluid D is Fluid A supplemented with 0.1 % Polysorbate 80.	infusion bottle, 500 ml	10

##### 2.4.2.2 ETO Packaging

257549	<b>Fluid A (100 ml), screw cap/septum with hole, USP</b>	syrup bottle, 125 ml	20
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##### 2.4.2.3 Double Wrapped

257603	<b>Fluid A (100ml), septum, USP</b>	infusion bottle, 125ml	25
257263	<b>Fluid A, double wrapped (300 ml), septum, USP</b>	infusion bottle, 500 ml	10
257602	<b>Fluid A with ascorbic acid (300 ml), septum</b>	infusion bottle, 500 ml	10
257601	<b>Fluid D (300ml), septum, USP</b>	infusion bottle, 500 ml	10
257223	<b>Fluid D, double wrapped (650 ml), septum, USP</b>	infusion bottle, 1000 ml	4

#### 2.4.3 TSM

##### 2.4.3.1 Buffers and solutions

257385	<b>Phosphate Buffer* pH 7.2, stock solution (100 ml), septum, EP/USP</b> Stock buffer solution pH 7.2 EP/USP has to be diluted 1:800.	infusion bottle, 100 ml	25
257086	<b>Buffered Sodium Chloride-Peptone Solution* pH 7.0 (100 ml), septum, EP/USP</b> Used for dissolving, suspending, and diluting test samples according to the European Pharmacopoeia (EP).	infusion bottle, 100 ml	25
257087	<b>Buffered Sodium Chloride-Peptone Solution* pH 7.0 (500 ml), septum, EP/USP</b>	infusion bottle, 500 ml	10
257483	<b>Buffered Sodium Chloride-Peptone Solution pH 7.0 with 0,1% Polysorbate (300 ml), screw cap</b>	syrup bottle, 500 ml	10

##### 2.4.3.2 Bile tolerant Gram-negative bacteria

254959	<b>Enterobacteriaceae Enrichment Broth Mossel (100 ml), screw cap, EP/USP</b> Used for selectively enriching and detecting Enterobacteriaceae, particularly from foods.	syrup bottle, 125 ml	25
257135	<b>Enterobacteriaceae Enrichment Broth (100 ml), twist-off, EP/USP</b>	wide mouth bottle, 212 ml	10

Cat. No.	Description	Bottle/Bag Type	Packaging
2.4.3.3	Candida albicans		
257153	<b>Sabouraud Glucose Agar (100 ml), screw cap/septum &amp; hole, CE, EP/USP</b> Used for the isolation and cultivation of fungi (yeast, molds, and dermatophytes) from clinical and non-clinical materials.	syrup bottle, 150 ml	25
257104	<b>Sabouraud Glucose Agar (250 ml), screw cap, CE, EP/USP</b>	syrup bottle, 300 ml	12
2.4.3.4	Clostridia		
215192	<b>Reinforced Medium for Clostridia (100ml), phenolic cap, EP/USP</b> Used for cultivating and enumerating clostridia, other anaerobes and other species of bacteria from food or other specimens.	syrup bottle, 125 ml	10
2.4.3.4	Escherichia coli		
254957	<b>Mac Conkey Broth (100 ml), screw cap, EP/USP</b> Used for cultivating Gram-negative, lactose-fermenting bacilli in water, foods and pharmaceutical raw materials as a presumptive test for coliform organisms.	syrup bottle, 125 ml	25
2.4.4	Other		
2.4.4.1	Standard Packaging		
254655	<b>Antibiotic Medium 19 (250 ml), screw cap</b> Used in the cylinder plate method assay for the detection of the activity of antimycotics (amphotericin B, natamycin and nystatin).	syrup bottle, 300 ml	10
257595	<b>Eugon LT100 Broth (9 ml), screw cap</b> Used for microbiological testing of cosmetics.	tube, 20ml	50
257594	<b>Eugon LT100 Broth (100 ml), screw cap</b>	syrup bottle, 150ml	10
257100	<b>Lactose Broth (90 ml), septum</b>	infusion bottle, 250 ml	10
256668	<b>Lactose Broth (90 ml), twist-off</b>	wide mouth bottle, 212 ml	10
257577	<b>Lactose Broth, double strength (100 ml), screw cap</b> Used for enriching Salmonella and coliform organisms from liquid samples.	syrup bottle, 300ml	10
257580	<b>Modified Lethen Broth (90 ml), screw cap, EP/USP</b> Used for microbiological testing of cosmetics.	syrup bottle, 150ml	25
257327	<b>Lethen Broth, Modified (500 ml), screw cap</b>	lab bottle, 500 ml with scale	4

Cat. No.	Description	Bottle/Bag Type	Packaging
257609	<b>Lethen Broth FeCl<sub>3</sub> (100 ml), screw cap</b>	syrup bottle,	6
257608	<b>Lethen Broth FeCl<sub>3</sub> (300 ml), screw cap</b>	syrup bottle	12
257610	<b>Polysorbate Mod. Lethen broth (90 ml), screw cap</b>	syrup bottle	10
257582	<b>Modified Lethen Broth with 5% Polysorbate 80 (90 ml), screw cap EP/USP</b>	syrup bottle, 150ml	25
257326	<b>Modified Lethen Broth with 5% Polysorbate 80 (90 ml), twist-off</b>	wide mouth bottle, 380 ml	10
257331	<b>Modified Lethen Broth with 5% Polysorbate 80 (100 ml), twist-off</b>	wide mouth bottle, 380 ml	10
257563	<b>Modified Lethen Broth with 5% Polysorbate 80 (500 ml), screw cap</b>	syrup bottle, 1000 ml	4
257092	<b>Mueller Hinton Broth (900 ml) screw cap</b> Mueller Hinton Broth (Not cation-adjusted). A general purpose medium that may be used for the cultivation of a wide variety of fastidious and nonfastidious microorganisms. This medium is not supplemented with calcium or magnesium ions.	syrup bottle, 1000 ml	4
257088	<b>Peptone Water 0.1% (100 ml), septum</b> Used for a variety of diluting and rinsing procedures.	infusion bottle, 100 ml	25
257139	<b>Peptone Water 0,1% (500 ml), screw cap</b>	syrup bottle, 500 ml	10
257238	<b>Peptone Water, buffered (700 ml), screw cap</b> Used for determining the bactericidal activity of antiseptics and disinfectants based on neutralizing the chemical and detecting organisms remaining after treatment.	syrup bottle, 1000 ml	4
257204	<b>Phosphate Buffered Saline (10 ml), screw cap, (CE)</b> Used in microbiological procedures that require an isotonic or buffered diluent.	vial, 15 ml	50
257639	<b>Potato Dextrose Agar (500 ml), screw cap</b>	syrup bottle, 500 ml	4
257336	<b>R2A Agar (100 ml), screw cap</b> For enumeration of organisms in treated potable water.	syrup bottle, 150 ml	25
257257	<b>Rappaport - Vassiliadis Broth (10 ml), screw cap, IVD (CE)</b> Is a liquid medium for selectively enriching Salmonella from meat and dairy products, feces and polluted water.	vial, 25 ml	50
257558	<b>Sodium Chloride 0,9% (500 ml), septum</b> Used in microbiological procedures that require an isotonic or buffered diluent.	infusion bottle, 500 ml	10
257235	<b>Sterility handling kit - Media</b>		3
257648	<b>TAT (Trypton-Azetolin-Polysorbate 80) Broth (90ml), twist-off</b>	wide mouth bottle, 212 ml	10
256665	<b>Tryptic Soy Agar (100 ml), screw cap, EP/USP</b>	syrup bottle, 250 ml	2
257106	<b>Trypticase™ Soy Agar (500 ml), screw cap, CE, EP/USP</b>	syrup bottle, 500 ml	10
257266	<b>Sterile Water, double wrapped (not for injection!) (400 ml), septum</b>	infusion bottle, 500 ml	10

## Use

BBL™ Prepared Tubed Media are for the isolation and identification of microorganisms. Tubed media are ideal for cultures requiring prolonged incubation, since many can be incubated with caps tightly closed to prevent dehydration and subsequent inhibition of growth. BBL™ Prepared Tubed Media reduce possible contamination. Special long-necked, rubber lined screw caps eliminate danger of contamination. Larger-sized tubes with wider diameters permit easy inoculation and handling of media.

## Storage

On receipt, store according to label directions. Media containing dyes must be protected from light at all times. In some tubes, agar and semi-solid agar (including thioglycollate-containing media) may become distorted within the tube during shipment. These can be restored to their proper condition by loosening the cap, bringing to 100°C in a boiling water bath and allowing the medium to resolidify in the appropriate position.

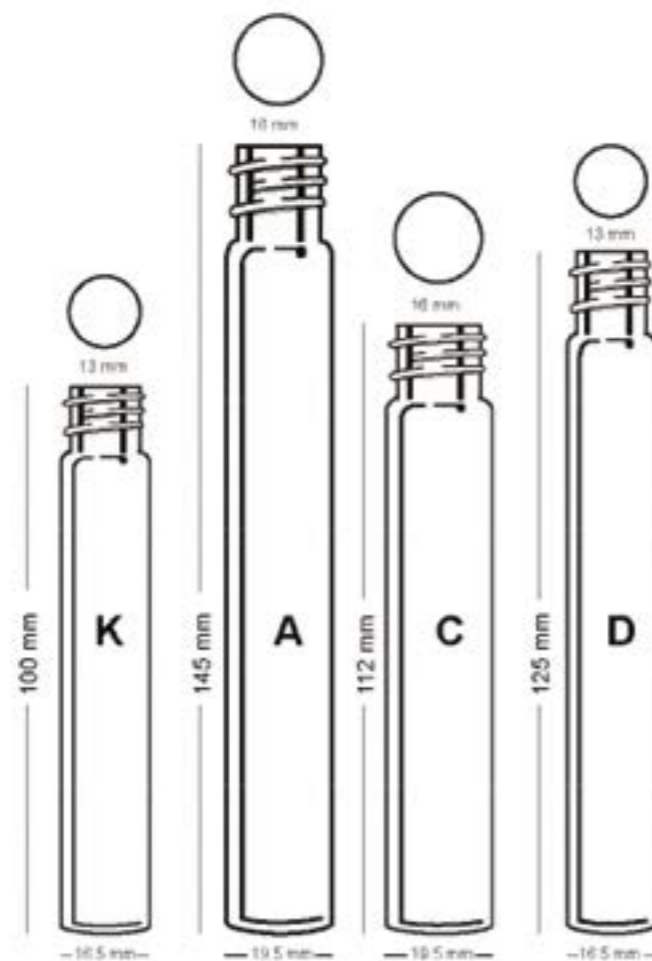
## Packaging

Most tubed media are available in shelf packs of 10 and 100 tubes to meet the volume needs of various users.



BBL™ Prepared Tubed Media

tube type	height in mm	diameter in mm
K	100	13
A	145	16
C	112	16
D	125	13



Cat. No.	Description	Tube Size	Packaging
221828	<b>Acetamide Agar Slants</b> Acetamide Agar is used in the differentiation of nonfermentative Gram-negative bacteria, particularly <i>Pseudomonas aeruginosa</i> .	K	10
221812	<b>Brain Heart Infusion Broth, 5 ml</b>	K	10
221813	Brain Heart Infusion (BHI) is a 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. A supplemented pre-reduced formulation in tubes is especially recommended for the cultivation of anaerobes.	K	100
220837	<b>Brain Heart Infusion Broth, 8 ml</b>	K	100
221785	<b>Brain Heart Infusion Broth with 6.5% Sodium Chloride</b> BHI with 6.5% Sodium Chloride is used to differentiate the enterococci (e.g., <i>E. faecalis</i> , <i>E. faecium</i> , <i>E. durans</i> , and <i>E. avium</i> ) from the nonenterococcal species ( <i>S. bovis</i> and <i>S. equinus</i> ) by the 6.5% salt tolerance test.	K	10
221409	<b>Bile Esculin Agar Slants</b>	K	10
221410	Bile Esculin Agar is used to differentiate enterococci and the <i>Streptococcus bovis</i> group from other streptococci.	K	100
220830	<b>Blood Agar Slants (Trypticase™ Soy Agar with Defibrinated Sheep Blood Slants)</b> Trypticase™ Soy Agar with 10% sheep blood is used for cultivating fastidious microorganisms and for the visualization of hemolytic reactions produced by many bacterial species.	K	10
221747	<b>Campylobacter Thioglycollate Medium with 5 Antimicrobics</b> Campylobacter Thioglycollate Medium with 5 Antimicrobics is recommended as a holding medium for samples suspected to contain <i>Campylobacter jejuni</i> subsp. <i>jejuni</i> when immediate inoculation of Campylobacter Agar with 5 Antimicrobics and 10% Sheep Blood cannot be performed.	K	10
295872	<b>Chocolate II Agar Slants (GC II Agar with Hemoglobin and IsoVitalex™)</b> Chocolate II Agar is 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.	K	10
297307	<b>Chopped Meat Carbohydrate Broth, PR II, 5 ml</b> Chopped Meat Carbohydrate Broth, PR II is a pre-reduced media used in the enrichment, cultivation and maintenance of anaerobic microorganisms, particularly obligate anaerobes. The use of Chopped Meat Carbohydrate Broth, PR II is based on Hungate's methods of culturing anaerobic microorganisms outside of an anaerobic chamber. The tubes provide a reduced medium in a self-contained, anaerobic culture tube sealed using a Hungate screw cap. The cap contains a butyl rubber septum stopper that permits inoculation and incubation without exposing the medium to air.	K	10
221508	<b>Cooked Meat Medium, 8 ml</b> Cooked Meat Medium is used for the cultivation and maintenance of clostridia and for determining proteolytic activity of anaerobes. It supports the growth of most sporeforming and nonsporeforming obligate anaerobes and may be used for a variety of purposes including the maintenance of stock cultures. This medium is also useful as an enrichment broth as backup to plated media or for cultivating anaerobes that may be present in small numbers in a population and as a subculture medium for determination of proteolysis (meat digestion) and spore formation by <i>Clostridium</i> species.	K	100
295982	<b>Cooked Meat Medium with Glucose, Hemin and Vitamin K1, 9 ml</b> Cooked Meat Medium and the enriched medium are used for the cultivation of anaerobes, especially pathogenic clostridia. Also recommended as a subculture medium for anaerobic isolates to be examined by gas liquid chromatography.	K	10
221633	<b>BBL™ Cystine Trypticase™ Agar (CTA) Medium with Dextrose, 8 ml</b>	K	10
221637	<b>BBL™ Cystine Trypticase™ Agar (CTA) Medium with Maltose, 8 ml</b>	K	10



Cat. No.	Description	Tube Size	Packaging
297199	<b>BHI Agar Slants with 5% Sheep Blood</b> Used in qualitative procedures for the isolation and cultivation of pathogenic and nonpathogenic fungi from clinical and nonclinical specimens.	C	10
298318	<b>D/E Broth, 9 ml</b> D/E Neutralizing Broth is used for environmental sampling where neutralization of the chemical is important to determine its bactericidal or bacteriostatic activity. This medium will neutralize a broad spectrum of antiseptic and disinfectant chemicals, including quaternary ammonium compounds, phenolics, iodine and chlorine preparations, mercurials, formaldehyde and glutaraldehyde.	A	100
299701	<b>Dermatophyte Test Medium (DTM) Slants, Modified with Chloramphenicol</b> 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, chlortetracycline, Dermatophyte Test Medium (DTM), Modified with Chloramphenicol is recommended as a substitute for the original DTM formation.	A	10
221383	<b>Enterococcosel™ Broth (Bile Esculin Broth with Azide), 2.5 ml</b> BD Enterococcosel™ Broth is a selective medium for the cultivation and differentiation of enterococci.	K	10
221729	<b>GN (Gram-negative) Broth, 8 ml</b>	K	10
221730	Gram-negative (GN) Broth is a selective enrichment medium for the cultivation of <i>Salmonella</i> and <i>Shigella</i> .	K	100
222240	<b>Herrold Egg Yolk Agar Slants without Mycobactin J and ANV</b>	C	10
222241	Used for the selective isolation and differentiation of mycobacteria other than <i>Mycobacterium paratuberculosis</i> . ANV (amphotericin, nalidixic acid and vancomycin) inhibits contamination. <i>M. paratuberculosis</i> is unable to grow on media lacking Mycobactin J.	C	100
222232	<b>Herrold Egg Yolk Agar Slants with Mycobactin J and ANV</b>	C	10
222233	Used for the selective isolation and differentiation of <i>Mycobacterium paratuberculosis</i> . ANV (amphotericin, nalidixic acid and vancomycin) inhibits contamination and Mycobactin J is a growth factor for <i>M. paratuberculosis</i> .	C	100
220897	<b>Kligler Iron Agar (KIA) Slants</b> Kligler Iron Agar is used for the differentiation of members of the <i>Enterobacteriaceae</i> on the basis of their ability to ferment dextrose and lactose and to produce sulfides.	K	100
296266	<b>Lim Broth (Todd Hewitt with CNA), 5 ml</b> Lim Broth is used for the selective enrichment of group B streptococci ( <i>Streptococcus agalactiae</i> ), especially from genital specimens.	K	100
220502	<b>Lowenstein Jensen with PACT and Glycerol</b> The Mitchison supplement, consisting of polymyxin B, amphotericin, carbenicillin, and trimethoprim (= PACT) is added to render the medium selective.	A	100
220908	<b>Lowenstein-Jensen Medium Slants</b>	A	10
220909	Lowenstein-Jensen Medium is used for the cultivation of <i>Mycobacterium tuberculosis</i> and other mycobacterial species.	A	100
220953	<b>Lysine Iron Agar (LIA) Slants</b> Lysine Iron Agar is used for the differentiation of enteric organisms based on their ability to decarboxylate or deaminate lysine and to form hydrogen sulfide.	K	100
221322	<b>Malonate Broth (Ewing Modified)</b> Malonate Broth, as modified by Ewing, is used for the differentiation of coliforms and other enteric organisms.	K	10
221832	<b>Middlebrook 7H9 Broth with Glycerol, 5 ml</b> Middlebrook 7H9 Broth with Glycerol is a supplemented medium which 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.	K	10

Cat. No.	Description	Tube Size	Packaging
220958	<b>Middlebrook and Cohn 7H10 Agar Slants</b>	A	10
220959	Middlebrook and Cohn 7H10 Agar is used in qualitative procedures for the isolation and cultivation of mycobacteria.	A	100
257612	<b>Modified Lethen Broth, with Polysorbate 80, 5 ml</b> Microbiological evaluation of cosmetics - inactivates preservative agents.		50
221661	<b>Moeller Decarboxylase Broth with Lysine, 5 ml</b> Decarboxylase media are used in the biochemical differentiation of Gram-negative enteric bacilli based on the production of a lysine or ornithine decarboxylase.	K	10
221663	<b>Moeller Decarboxylase Broth with Ornithine, 5 ml</b>	K	10
221517	<b>Motility Indole Ornithine (MIO) Deeps, 5 ml</b>	K	10
221518	Motility Indole Ornithine (MIO) Medium is used to demonstrate motility, indole production and ornithine decarboxylase activity for the differentiation of <i>Enterobacteriaceae</i> .	K	100
221509	<b>Motility Test Medium</b> Motility Test Medium is a semi-solid medium used for the detection of motility of Gram-negative enteric bacilli.	K	10
298268	<b>Mueller Hinton II Broth (Cation-Adjusted), 5 ml</b> Mueller Hinton II Broth is 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 the CLSI standard M7-A7.1	K	100
220966	<b>Mycosel™ Agar Slants</b> BD Mycosel™ Agar is 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.	A	10
220968	<b>Nutrient Agar Deeps</b> Nutrient Agar is a general-purpose medium for the cultivation of a wide variety of bacterial organisms.	A	10
220971	<b>Nutrient Agar Slants</b> Nutrient agar is used for the cultivation of bacteria and for the enumeration of organisms in water, sewage, feces, and other material.	K	100
221669	<b>Nutrient Broth, 5 ml</b> Nutrient Broth is used for the cultivation of many species of nonfastidious microorganisms.	K	10
221326	<b>OF Basal Medium, 5 ml</b> 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.	K	10
221328	<b>OF Basal Medium with Dextrose, 5 ml</b>	K	10
221677	<b>Phenol Red Broth with Dextrose and Durham Tube, 8 ml</b> Phenol Red Broth Base, when supplemented with an appropriate carbohydrate, is used to determine the fermentation activities of microorganisms.	K	10
221705	<b>Phenol Red Broth with Xylose and Durham Tube, 8 ml</b>	K	10
221342	<b>Phenylalanine Agar Slants</b> Phenylalanine Agar is used for the differentiation of enteric bacilli on the basis of their ability to produce phenylpyruvic acid by oxidative deamination.	K	10
292915	<b>Rappaport-Vassiliadis R10 Broth, 10 ml</b> Used for selectively enriching <i>Salmonella</i> from meat and dairy products, feces, and sewage polluted water.	K	100

Cat. No.	Description	Tube Size	Packaging
297252	<b>Sabouraud Brain Heart Infusion Agar, with Chloramphenicol and Gentamicin, 7 ml</b> Sabouraud Brain Heart Infusion Agar is used in qualitative procedures for cultivation of dermatophytes and other pathogenic and nonpathogenic fungi from clinical and nonclinical specimens. The medium is rendered selective by the addition of antimicrobial agents.	C	10
296182	<b>Sabouraud Dextrose Agar Deeps, 20 ml</b> Sabouraud Dextrose Agar is used in qualitative procedures for cultivation of pathogenic and non-pathogenic fungi, particularly dermatophytes.	A	100
221012	<b>Sabouraud Dextrose Agar Slants, 10 ml</b>	A	10
221013	Sabouraud Dextrose Agar is used for the cultivation of dermatophytes.	A	100
221825	<b>Sabouraud Dextrose Agar Slants with Chloramphenicol</b> The addition of Chloramphenicol is a modification designed to increase bacterial inhibition and enable the isolation from contaminated specimens of opportunistic fungi that cause clinical infections resembling dermatophytosis but are sensitive to the cycloheximide included in some selective fungal media.	A	100
297649	<b>Sabouraud Dextrose CC Agar Slants with Chloramphenicol and Cycloheximide</b> Sabouraud Dextrose Agar with Chloramphenicol and Cycloheximide; used in qualitative procedures for the cultivation of dermatophytes and other pathogenic and non-pathogenic fungi from clinical and non-clinical specimens.	A	10
221014	<b>Sabouraud Liquid Broth, Modified / Antibiotic Assay Medium #13</b> Sabouraud Liquid Broth is used for the cultivation of yeasts and molds.	K	10
221819	<b>Saline, Normal, 5 ml</b> Saline, Normal (physiological) is used in procedures that require the use of an isotonic diluent.	K	100
297753	<b>Saline, Normal, 10 ml</b>	A	100
221542	<b>Schaedler Broth with Vitamin K1</b> Schaedler Broth is used for the cultivation of fastidious aerobic and anaerobic microorganisms.	K	100
297711	<b>Selenite Cystine Broth, 20 ml</b> Used as an enrichment medium for the isolation of <i>Salmonella</i> from fecal, urine, water, and food samples.	A	100
221020	<b>Selenite-F Broth, 8 ml</b>	K	10
221021	Used as an enrichment medium for the isolation of <i>Salmonella</i> from fecal, urine, water, and food samples.	K	100
221010	<b>SIM (Sulfide-Indole-Motility) Medium, 8 ml</b> SIM (Sulfide, Indole, Motility) Medium is used to differentiate enteric bacilli on the basis of sulfide production, indole formation, and motility.	K	10
221026	<b>Simmons Citrate Agar Slants</b> Simmons Citrate Agar is used for the differentiation of Gram-negative bacteria on the basis of citrate utilization.	K	10
257611	<b>Sodium Thiosulfate 0.1 %, 18 ml</b>		50
298249	<b>Tetrathionate Broth Base, 10 ml</b> Tetrathionate Broth Base, with added iodine-iodide solution, is used as a selective enrichment medium for the isolation of <i>Salmonella</i> from feces, urine, foods, and other materials of sanitary importance.	K	10
221742	<b>Thioglycollate Medium, Enriched, with Vitamin K1 and Hemin, 5 ml</b> Enriched Thioglycollate Medium is a general-purpose media 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 non-clinical specimens.	K	100
221787	<b>Thioglycollate Medium, Enriched, with Vitamin K1 and Hemin, 8 ml</b>	K	10
221788		K	100
297642	<b>Thioglycollate Medium, Enriched, with Vitamin K1 and Hemin, 9 ml</b>	K	100

Cat. No.	Description	Tube Size	Packaging
292769	<b>Thioglycollate Medium, Fluid, 18 ml</b> Todd Hewitt Broth with Gentamicin and Nalidixic Acid is used for the selective enrichment of group B streptococci ( <i>Streptococcus agalactiae</i> ), especially from genital specimens.	A	100
298518	<b>Thioglycollate Medium with Calcium Carbonate</b> Fluid Thioglycollate Medium Enriched and Enriched Thioglycollate Medium, PR II (pre-reduced medium in Hungate tubes) are general-purpose media for the cultivation of a wide variety of microorganisms, particularly obligate anaerobes.	K	100
221200	<b>Thioglycollate Medium without Indicator-135C, 8 ml</b> Thioglycollate Medium without Indicator-135C is a general-purpose medium for the cultivation of microorganisms, especially obligate anaerobes. Thioglycollate Medium-135C is characterized by its superior ability to support growth, from minimal inocula, of a wide variety of aerobic and anaerobic organisms. The more strictly aerobic species grow at the top, while anaerobic types grow in the depths of the medium.	K	100
221714	<b>Todd Hewitt Broth, 5 ml</b> Todd Hewitt Broth is a general-purpose medium which primarily is used for the cultivation of beta-hemolytic streptococci, especially for serological studies.	K	100
299486	<b>Todd Hewitt Broth, with Gentamicin and Nalidixic Acid, 5 ml</b> Todd Hewitt Broth with Gentamicin and Nalidixic Acid is used for the selective enrichment of group B streptococci ( <i>Streptococcus agalactiae</i> ).	K	100
298323	<b>Trichosel™ Broth, Modified, with 5% Horse Serum, 1.9 ml</b> Trichosel™ Broth, Modified is used for the isolation and cultivation of <i>Trichomonas</i> species.	K	10
221082	<b>Trypticase™ Soy Agar Deeps / Blood Agar Base, 20 ml</b> Trypticase Soy Agar is used for the isolation and cultivation of fastidious as well as nonfastidious microorganisms, including anaerobic as well as aerobic bacteria, although it is not the medium of choice for anaerobes.	A	10
221086	<b>Trypticase™ Soy Agar Slants</b>	K	10
221087		K	100
215196	<b>Trypticase™ Soy Broth with Lecithin and Polysorbate 80, 10 ml</b> A general purpose medium used in qualitative procedures for the detection, isolation and cultivation of fastidious and nonfastidious microorganisms. Especially for specimens containing preservatives.	D	100
297808	<b>Trypticase™ Soy Broth with 20% Glycerol, 1.5 ml</b> Trypticase™ Soy Broth with 20% Glycerol, is used for stock culture preservation.	K	100
221351	<b>Trypticase™ Soy Broth with 6.5% Sodium Chloride</b> BD Trypticase™ Soy Broth with 6.5% Sodium Chloride is used to differentiate <i>Enterococcus</i> spp. from the <i>Streptococcus bovis</i> group of streptococci.	K	100
221815	<b>Trypticase™ Soy Broth, 2 ml</b> Trypticase™ Soy Broth (Soybean-Casein Digest Medium) is a general-purpose medium used in qualitative procedures for the cultivation of fastidious and nonfastidious microorganisms from a variety of clinical and non-clinical specimens.	K	100
221715	<b>Trypticase™ Soy Broth, 5 ml</b>	K	10
221716		K	100
221092	<b>Trypticase™ Soy Broth, 8 ml</b>	K	10
221093		K	100
292827	<b>Trypticase™ Soy Broth, 9 ml</b>	K	100
297354	<b>Trypticase™ Soy Broth, 10 ml</b>	A	100
		A	100
221823	<b>Trypticase™ Soy Broth, 15 ml</b>	A	100

Cat. No.	Description	Tube Size	Packaging
292770	<b>Trypticase™ Soy Broth, 18 ml</b>	A	100
221038	<b>TSI Agar Slants (Triple Sugar Iron Agar)</b>	K	10
221039	Triple Sugar Iron Agar is used for the differentiation of Gram-negative enteric bacilli based on carbohydrate fermentation and production of hydrogen sulfide.	K	100
221100	<b>Urea Agar Base Concentrate (10X)</b> Urea Agar is used for the differentiation of organisms, especially the <i>Enterobacteriaceae</i> , on the basis of urease production. The filter sterilized 10 times concentrated solution is for preparing Urea Agar slants in the user's lab.	K	10
221096	<b>Urea Agar Slants, complete (Christensen)</b>	K	10
221097	Used for the differentiation of enteric bacilli.	K	100
298330	<b>Urea Broth, Rapid, 0.5 ml</b> Used for the presumptive identification of <i>Helicobacter pylori</i> in gastric antral biopsy specimens.	Vial	10
221098	<b>Urease Broth Concentrate (10X), 10 ml</b> Filter sterilized 10 times concentrated solution is for preparing Urea Test Broth in the user's lab.	K	10
221719	<b>Urease Test Broth (Stuart's), 3 ml</b> For the differentiation of organisms, especially the <i>Enterobacteriaceae</i> , on the basis of urease production.	K	10
297345	<b>Water sterile, 5 ml</b> Sterile Water may be used in laboratory procedures; e.g., preparation of dilutions of reagents and suspensions of microorganisms.	K	100

### 3.1 Test for *Escherichia coli*

### 3.2 Test for bile tolerant Gram-negative bacteria

### 3.3 Test for *Salmonella* spp

### 3.4 Test for *Pseudomonas aeruginosa*

### 3.5 Test for *Staphylococcus aureus*

### 3.6 Test for *Clostridia*

### 3.7 Test for *Candida albicans*

### 3.8 Buffers and solutions

In 2006, the United States Pharmacopeial Convention published a revised Chapter 61, and introduced a new Chapter 62, that cover the Microbiological Examination of Nonsterile Products.<sup>(1)</sup> These chapters are harmonized with the *European Pharmacopeia* (Chapter 2.6.13)<sup>(2)</sup> and the *Japanese Pharmacopeia*<sup>(3)</sup>.

BD has reviewed and revised, where applicable, the formulations and performance testing for the media that are specified in these new chapters. The labeling of these products have been changed accordingly to read: Meets USP/EP/JP performance specifications, where applicable. We stand ready to assist you with the transition to these new testing requirements. You can use these media now, secure that you are meeting today's requirements for the USP, EP and JP as well as those of the harmonized requirements of the future.

## Quality Assurance

Rigid quality control provides thorough testing of raw materials and dehydrated culture media. Mixing ingredients is an exacting and delicate task, similar to creating a perfect painting. At BD, we meet these challenges daily.

At BD, we make all our own plastic dishes, safe-guarding our product lines and ensuring continual high quality. The machinery used in the production of BD Media is designed to provide consistently high-quality products. The experience of dedicated line operators, laboratory and research technologists and other professionals goes into each container of BD Media.

Our ISO 9001 and ISO 13485 quality systems and cGMP manufacturing practices ensure consistent delivery of the highest quality media available. We are proud of our facilities and our products, and welcome our customers to audit our facilities.



Cat. No.	Description	Brand	Product Type	Packaging
<b>3.1 Test for <i>Escherichia coli</i></b>				
212123	MacConkey Agar	BD Difco™	500 g, dehydrated	1
212122	MacConkey Agar	BD Difco™	2 kg, dehydrated	1
275300	MacConkey Agar	BD Difco™	10 kg, dehydrated	1
211387	MacConkey Agar	BD BBL™	500 g, dehydrated	1
211390	MacConkey Agar	BD BBL™	2.3 kg, dehydrated	1
211391	MacConkey Agar	BD BBL™	11.3 kg, dehydrated	1
254957	MacConkey Broth (100 ml)	BD BBL™	syrup bottle 125 ml	10
220100	MacConkey Broth	BD Difco™	500 g, dehydrated	1
<b>3.2 Test for Bile Tolerant Gram-negative Bacteria</b>				
254959	EE Broth Mossel (100 ml), screw cap	BD BBL™	syrup bottle, 125 ml	25
257135	EE Broth Mossel (100 ml), twist off	BD BBL™	wide mouth bottle 212 ml	10
256620	EE Broth Mossel	BD Difco™	500 g, dehydrated	1
297005	EE Broth Mossel	BD Difco™	500 g, dehydrated	1
254486	Violet Red Bile Glucose Agar		90 mm plate	20
218661	Violet Red Bile Glucose Agar	BD Difco™	500g, dehydrated	1
<b>3.3 Test for <i>Salmonella</i> spp</b>				
215199	Rappaport Vassiliadis Soy Salmonella Broth RSV (10 ml)		K tube, 102 x 16.5 mm	10
214943	RVS Soy Broth	BD Difco™	500 g, dehydrated	1
254055	XLD Agar		90 mm plate	20
254090	XLD Agar		90 mm plate	120
278850	XLD Agar	BD Difco™	500 g, dehydrated	1
278820	XLD Agar	BD Difco™	2 kg, dehydrated	1
278830	XLD Agar	BD Difco™	10 kg, dehydrated	1
<b>3.4 Test for <i>Pseudomonas aeruginosa</i></b>				
285420	Cetrimide Agar Base - Pseudosel™ Agar	BD Difco™	500 g, dehydrated	1
254419	Cetrimide Agar Base - Pseudosel™ Agar		90 mm plate	20
<b>3.5 Test for <i>Staphylococcus aureus</i></b>				
254027	Mannitol Salt Agar		90 mm plate	20
254079	Mannitol Salt Agar		90 mm plate	120
211407	Mannitol Salt Agar	BD BBL™	500 g, dehydrated	1
211410	Mannitol Salt Agar	BD BBL™	2.3 kg, dehydrated	1

<sup>(1)</sup> United States Pharmacopeial Convention, Inc. 2006. The United States Pharmacopeia 29/The National Formulary 24, 2006. The United States Pharmacopeial Convention, Rockville, MD.

<sup>(2)</sup> European Pharmacopeia, 5th Edition. European Directorate for the Quality of Medicine, Council of Europe, 226 Avenue de Colmar BP907-, F-67029 Strasbourg Cedex 1, France.

<sup>(3)</sup> Japanese Pharmacopeia, Fifteenth Edition.

Cat. No.	Description	Brand	Product Type	Packaging
293689	Mannitol Salt Agar	BD BBL™	11.3 kg, dehydrated	1
3.6 Test for <i>Clostridia</i>				
215191	Columbia Agar without Blood		90 mm plate	20
211124	Columbia Agar without Blood	BD BBL™	500 g, dehydrated	1
211125	Columbia Agar without Blood	BD BBL™	2.3 kg, dehydrated	1
211126	Columbia Agar without Blood	BD BBL™	11.3 kg, dehydrated	1
257647	Reinforced clostridial medium, screw cap	BD BBL™	syrup bottle, 125 ml	25
215192	Reinforced Medium for Clostridia, phenolic cap	BD BBL™	infusion bottle, 100 ml	10
218081	Reinforced Medium for Clostridia	BD Difco™	500 g, dehydrated	1
3.7 Test for <i>Candida albicans</i>				
254039	Sabouraud Dextrose Agar		90 mm plate	20
254083	Sabouraud Dextrose Agar		90 mm plate	120
221988	Sabouraud Dextrose Agar		contact, sterile pack plate	10
257104	Sabouraud Dextrose Agar (250 ml), screw cap		flat bottle, 300 ml	12
257153	Sabouraud Glucose Agar (100 ml), screw cap/septum & hole		syrup bottle, 150 ml	25
211584	Sabouraud Dextrose Agar	BD BBL™	500 g, dehydrated	1
211585	Sabouraud Dextrose Agar	BD BBL™	2.3 kg, dehydrated	1
210940	Sabouraud Dextrose Agar	BD Difco™	100 g, dehydrated	1
210950	Sabouraud Dextrose Agar	BD Difco™	500 g, dehydrated	1
211661	Sabouraud Dextrose Agar	BD Difco™	2 kg, dehydrated	1
210930	Sabouraud Dextrose Agar	BD Difco™	10 kg, dehydrated	1
238230	Sabouraud Dextrose Broth	BD Difco™	500 g, dehydrated	1
238210	Sabouraud Dextrose Broth	BD Difco™	2 kg, dehydrated	1
3.8 Buffers and Solutions				
257086	Buffered Sodium Chloride-Peptone Solution pH 7.0 (100 ml)		infusion bottle, 100 ml	25
257087	Buffered Sodium Chloride-Peptone Solution pH 7.0 (500 ml)		infusion bottle, 500 ml	10
257483	Buffered Sodium Chloride-Peptone Solution with Polysorbate (300 ml)		syrup bottle, 500 ml	10
257385	Phosphate Buffer pH 7.2 (Stock Solution 100 ml)		infusion bottle, 100 ml	25

## 4.1 Containers

## 4.2 Consumables

In the late 1960s BD launched the first ever commercial system for environmental generation, eliminating the need for vacuum pumps, gas tanks, nanometers and release valves. Over the next 40 plus years, BD has introduced a series of continually innovative and high performance products into this market.



## BD GasPak™ EZ Container Systems

The BD GasPak™ EZ Container Systems offer waterless, catalyst-free convenience for use in the innovative new GasPak™ EZ Incubation Containers or the original GasPak™ 150 or GasPak™ 100 jars. The GasPak™ EZ Gas Generating Container Sachets produce anaerobic, microaerophilic (reduced oxygen) or CO<sub>2</sub> enriched environments.



## BD GasPak™ EZ Pouch Systems

BD GasPak™ EZ Pouch Systems offer the convenience of pouches integrated into complete kits with everything you need to generate a pouch based anaerobic, microaerophilic or CO<sub>2</sub> enriched environment. Largest standard pouch capacity available on the market! All three of the GasPak™ EZ Pouch Systems can hold one to four Petri dishes!



Cat. No.	Description	Packaging
4.1	Containers and racks	
260671	GasPak™ EZ Standard Incubation Container (15 plates)	1 container
260673	GasPak™ EZ Standard Incubation Container Rack (15 plates)	1 rack
260672	GasPak™ EZ Large Incubation Container (30 plates)	1 container
260674	GasPak™ EZ Large Incubation Container Rack (30 plates)	1 rack

### 4.2 Consumables

#### Sachets

Sachets require no water or catalyst activation.

260678	GasPak™ EZ Anaerobe Container System Sachets	20
260680	GasPak™ EZ Campy Container System Sachets	20
260679	GasPak™ EZ CO <sub>2</sub> Container System Sachets	20
260001	GasPak™ EZ Anaerobe Container Systems Sachets with indicator	20

#### Indicators

271051	GasPak™ Dry Anaerobic Indicator Strips	100
271055	GasPak™ Carbon Dioxide Indicator	50

GasPak™ EZ Pouch System (contains all components)

#### Pouch capacity:

1 - 4 petri dishes for anaerobic pouch and CO<sub>2</sub>

2 - 4 petri dishes for campy pouch systems

Sachets require no water or catalyst activation.

260683	GasPak™ EZ Anaerobe Pouch System with Indicator	20
260685	GasPak™ EZ Campy Pouch System	20
260684	GasPak™ EZ CO <sub>2</sub> Pouch System	20

# 5 Stains & Reagents

- 5.1 Gram Stains (Kits)
- 5.2 Stains and Indicators
- 5.3 Reagents and Enzymes

The Gram stain was devised in 1884 by Christian Gram in an attempt to differentiate bacterial cells from infected tissue. Although Gram observed what is now called the “Gram reaction,” he did not recognize the taxonomic value of his technique. The Hucker modification of the Gram stain is now used to differentiate intact, morphologically similar bacteria into two groups based on cell color after staining. In addition, cell form, size and structural details are evident. Such preliminary information provides important clues to the type of organism(s) present, the further techniques required to characterize them, and the therapy to initiate while awaiting test results.

#### Principles of the Procedure

The Gram stain procedure consists of:

1. Staining a fixed smear with crystal violet;
2. Applying iodine as a mordant;
3. Decolorizing the primary stain with alcohol/acetone; and,
4. Counterstaining with safranin or basic fuchsin.

A crystal violet-iodine complex forms in the protoplast (not the cell wall) of all organisms stained by this procedure. Organisms able to retain this dye complex after decolorization are classified as Gram-positive while those that can be decolorized and counterstained are classified as Gram-negative.

Within our state-of-the-art ISO 9001 manufacturing center is a dedicated production area for stain reagents. A unique BD manufacturing process reduces the presence of artifacts - a chemical precipitate sometimes mistaken for microorganisms in Gram stain preparations. The end result is easier to read and accurate staining. BD offers both traditional and cutting edge staining methodologies, as well as quality control slides for Gram stain. All Difco™/BBL™ stain kits are conveniently packaged in a compact tray and feature no-drip “keep clean” cap spouts, both on 250 mL bottles and economical gallon canister.

#### 4-Step Gram Stain Kit

Available with Stabilized/Unstabilized Iodine.



The 4-Step Gram Stain Kit, available with stabilized/unstabilized iodine.

Cat. No.	Description	Packaging	Quantity
<b>5.1</b>	<b>Gram Stains (Kits)</b>		
212525	Gram Crystal Violet, Bottle	4	250 ml
212526	Gram Crystal Violet, Canister	1	3.8 l
212527	Gram Decolorizer, Bottle	4	250 ml
212528	Gram Decolorizer, Canister	1	3.8 l
212542	Gram Iodine (stabilized), Bottle	4	250 ml
212543	Gram Iodine (stabilized), Canister	1	3.8 l
212529	Gram Iodine (unstabilized), Bottle	4	250 ml
212530	Gram Iodine (unstabilized), Canister	1	3.8 l
212531	Gram Safranin, Bottle	4	250 ml
212532	Gram Safranin, Canister	1	3.8 l
212524	Gram Stain Kit (Unstabilized) (1 x 250 ml Crystal Violet, 1 x 250 ml Decolorizer, 1 x 250 ml Iodine, 1 x 250 ml Safranin)	1	4 x 250 ml
212539	Gram Stain Kit (Stabilized) (1 x 250 ml Crystal Violet, 1 x 250 ml Decolorizer, 1 x 250 ml Iodine, stabilized, 1 x 250 ml Safranin)	1	4 x 250 ml
Alternate Counterstain			
212544	Gram Basic Fuchsin, Bottle	4	250 ml
212545	Gram Basic Fuchsin, Canister	1	3.8 l
Control Slides			
231401	Gram QC Slide For evaluating and controlling the quality of gram stain reagents and techniques.	1	50
<b>5.2</b>	<b>Stains and Indicators</b>		
212536	Acridine Orange Stain, bottle	1	250 ml
212537	Acridine Orange Stain, bottle	4	250 ml
220110	Brom Cresol Purple	1	5 g
211731	Brom Thymol Blue	1	5 g
219310	Crystal Violet	1	100 g
220310	Phenol Red	1	5 g
264310	TTC (Triphenyltetrazolium Chloride)	1	25 g
<b>5.3</b>	<b>Reagents and Enzymes</b>		
263810	Adjuvant, Complete (Freund)	6	10 ml
263910	Adjuvant, Incomplete (Freund)	6	100 ml
231131	Adjuvant, Complete H37 Ra	6	10 ml
240658	Coagulase Plasma, Rabbit	10	3 ml
240661	Coagulase Plasma, Rabbit	10	15 ml



Cat. No.	Description	Packaging	Quantity
240679	Coagulase Plasma, Rabbit	10	25 ml
240827	Coagulase Plasma, Rabbit with EDTA	10	3 ml
240826	Coagulase Plasma, Rabbit with EDTA	10	15 ml
240680	Coagulase Plasma, Rabbit with EDTA	10	25 ml
264010	M. Butyricum, Desiccated	6	100 mg
231141	M. Tuberculosis H37 Ra, Desiccated	6	100 mg
215332	Penicillinase Concentrate (20,000 L.U./ml/min)	10	20 ml
215110	Pepsin 1:10,000	1	500 g
215240	Trypsin 1:250	1	100 g
215250	Trypsin 1:250	1	500 g

## 6.1 BBL™ Crystal™ Identification Systems

## 6.2 BBL™ Dryslide™

## 6.3 Droppers

## 6.4 Automated ID with BD Phoenix™

### 6.4.1 BD Phoenix™ Instrument

### 6.4.2 BD Phoenix™ Reagents

## 6.5 Microtrol™ Quality Control Organisms

## Identification Systems

Identification systems are utilized to obtain the identification (genus and species) of an organism. These systems contain fluorogenic and chromogenic substrates. When the organism comes into contact with the substrates, the organism either reacts with the substrate (positive reaction) or there is no reaction (negative reaction). When the positive and negative reactions are combined, the identification of the organism is determined.

### BBL™ Crystal™ Identification Systems

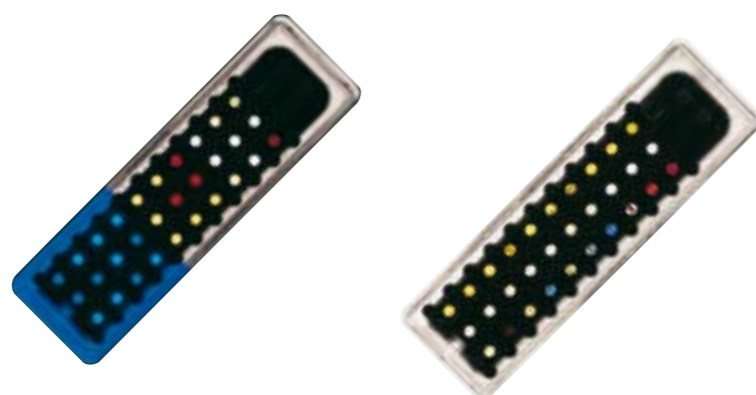
The BBL™ Crystal™ Identification system consists of a family of miniaturized panels which contain 29 to 30 modified conventional fluorogenic and chromogenic substrates for the accurate identification of more than 400 taxa and 120 genera of clinically significant organisms.

Once inoculated, the panels provide a closed system that is safe and easy to handle. Reagent addition and oil overlay are completely eliminated by the panel design.

The Crystal™ panels may be read with the BBL™ Crystal™ Panel Viewer or the BBL™ Crystal™ AutoReader.



BBL™ Crystal™ AutoReader



Cat. No.	Description	Quantity
<b>6.1</b>	<b>BBL™ BD Crystal™ Identification Systems</b>	
<b>245010</b>	<b>Crystal™ Anaerobe ID Kit</b> The BBL Crystal Anaerobe (ANR) Identification (ID) System is a miniaturized identification method employing modified conventional, fluorogenic and chromogenic substrates. It is intended for the identification of frequently isolated anaerobic bacteria. The test is done in 4 hrs. The Crystal ANR, ID kit consists of (i) BBL Crystal ANR ID panel lids, (ii) BBL Crystal bases and (iii) BBL Crystal ANR, GP, RGP, N/H ID Inoculum Fluid (IF) tubes.	<b>20 tests</b>
<b>245000</b>	<b>Crystal™ Enteric/Nonfermenter ID Kit</b> The BBL Crystal Enteric/Nonfermenter (E/NF) Identification (ID) System is for the identification of aerobic Gram-negative, bacteria that belong to the family of <i>Enterobacteriaceae</i> as well as some of the more frequently isolated glucose fermenting and non-fermenting Gram-negative bacilli. The BBL Crystal E/NF ID kit consists of (i) BBL Crystal E/NF panel lids, (ii) BBL Crystal bases and (iii) BBL Crystal Enteric/Stool ID Inoculum Fluid (IF) tubes.	<b>20 tests</b>
<b>245140</b>	<b>Crystal™ Gram-positive ID Kit</b> The BBL Crystal Gram-positive (GP) Identification (ID) System is a miniaturized identification method employing modified conventional, fluorogenic and chromogenic substrates. It is intended for the identification of frequently isolated aerobic Gram-positive bacteria. The BBL Crystal GP ID kit consists of (i) BBL Crystal GP ID panel lids, (ii) BBL Crystal bases and (iii) BBL Crystal ANR, GP, RGP, N/H ID Inoculum Fluid (IF) tubes.	<b>20 tests</b>
<b>245150</b>	<b>Crystal™ Rapid Gram-positive ID Kit</b> The BBL Crystal Rapid Gram-positive (RGP) Identification (ID) System is a miniaturized identification method employing modified conventional, fluorogenic and chromogenic substrates. It is intended for the identification of frequently isolated aerobic gram-positive bacteria. The test is done in 4 hrs. The Crystal RGP ID kit consists of (i) BBL Crystal RGP ID panel lids, (ii) BBL Crystal bases and (iii) BBL Crystal ANR, GP, RGP, N/H ID Inoculum Fluid (IF) tubes.	<b>20 tests</b>
<b>245130</b>	<b>Crystal™ Neisseria/Haemophilus ID Kit</b> The BBL Crystal Neisseria/Haemophilu (N/H) Identification (ID) System is a miniaturized identification method employing modified conventional, fluorogenic and chromogenic substrates. It is intended for the identification of frequently isolated <i>Neisseria</i> and <i>Haemophilus</i> as well as several other fastidious bacteria. ia. The test is done in 4 hrs. The Crystal RGP ID kit consists of (i) BBL Crystal RGP ID panel lids, (ii) BBL Crystal bases and (iii) BBL Crystal ANR, GP, RGP, N/H ID Inoculum Fluid (IF) tubes.	<b>20 tests</b>
<b>245038</b>	<b>Crystal™ Inoculum Fluid</b> For use with Crystal™ ANR, GP, RGP and N/H ID kits.	<b>10</b>
<b>245029</b>	<b>Crystal™ Enteric/Stool ID Inoculum Fluid</b> For use with Crystal™ E/NF kit.	<b>10</b>
<b>245016</b>	<b>Crystal™ Color Chart</b>	<b>1</b>
<b>245300</b>	<b>Crystal™ AutoReader</b> BBL Crystal AutoReader for consistent and reproducible results without subjective interpretation.	<b>1</b>

Cat. No.	Description	Quantity
<b>BBL™ DrySlide™</b>		
The BD BBL DrySlide™ provides the alternative to biochemical testing. Reagent is dried on the slide, eliminating the need for reagent addition. Each slide is divided into four large segments, allowing for multiple testing on one slide.		
<b>6.2</b>	<b>BBL™ Dryslide™</b> The rapid slide tests are: - Indole, results in 30 seconds - Oxidase, result in 20 seconds - Nitrocefin, results in 60 seconds - PYR, result in 3 minutes	
<b>231748</b>	<b>DrySlide™ Indole</b> A disposable slide impregnated with 5% p-dimethylaminobenzaldehyde (DMABA) for the rapid "spot" identification of indole producing bacteria from primary culture.	<b>75</b>
<b>231749</b>	<b>DrySlide™ Nitrocefin</b> A disposable slide impregnated with nitrocefin for the rapid qualitative detection of beta-lactamase producing bacteria.	<b>25</b>
<b>231746</b>	<b>DrySlide™ Oxidase</b> A disposable slide coated with oxidase reagent (N1N1N'1N'-tetramethyl-p-phenylenediamine dihydrochloride).	<b>75</b>
<b>231747</b>	<b>DrySlide™ PYR kit</b> a disposable slide format for the presumptive identification of group A streptococci and enterococci.	<b>15</b>

### BBL™ Droppers

Eighteen varieties of diagnostic droppers are available to offer the microbiologist a solution to the problem of perishable identification reagents and stains. Featuring reagents hermetically sealed in an ampule to protect from chemical instability, the droppers provide shelf-life ranging from one to three years, with no refrigeration. Since the droppers are ready to use, there is no mixing or measuring. Each also contains a one-day supply of reagent or stain, thus reducing the waste and inconvenience associated with bulk reagents. To perform the tests, simply hold the dropper upright and squeeze to crush the ampule inside. Next, invert the dropper for convenient drop-by-drop dispensing of solution.



BBL™ Diagnostic Reagent Droppers

Cat. No.	Description	Quantity
<b>6.3</b>	<b>Droppers</b>	
<b>261182</b>	<b>Acridine Orange</b>	<b>50 0.5 ml</b>
<b>261195</b>	<b>Calcofluor White</b>	<b>50 0.5 ml</b>
<b>261203</b>	<b>Catalase Reagent</b>	<b>50 0.5 ml</b>
<b>261183</b>	<b>Desoxycholate</b>	<b>50 0.5 ml</b>
<b>261187</b>	<b>DMACA Indole</b>	<b>50 0.5 ml</b>
<b>261189</b>	<b>Dobell and O'Connor's Iodine</b>	<b>50 0.5 ml</b>
<b>261190</b>	<b>Ferric Chloride</b>	<b>50 0.5 ml</b>
<b>261206</b>	<b>Flagella Stain</b>	<b>50 0.5 ml</b>
<b>261194</b>	<b>India Ink</b>	<b>50 0.5 ml</b>
<b>261185</b>	<b>Indole</b>	<b>50 0.5 ml</b>
<b>261188</b>	<b>Lactophenol Cotton Blue</b>	<b>50 0.5 ml</b>
<b>261204</b>	<b>Methylene Blue, Loeffler</b>	<b>50 0.5 ml</b>

Cat. No.	Description	Packaging	Quantity
<b>261201</b>	<b>Ninhydrin</b>	<b>50</b>	<b>0.5 ml</b>
<b>261197</b>	<b>Nitrate A</b>	<b>50</b>	<b>0.5 ml</b>
<b>261198</b>	<b>Nitrate B</b>	<b>50</b>	<b>0.5 ml</b>
<b>261181</b>	<b>Oxidase</b>	<b>50</b>	<b>0.5 ml</b>
<b>261191</b>	<b>Potassium Hydroxide 10%</b>	<b>50</b>	<b>0.5 ml</b>
<b>261196</b>	<b>PYR Reagent</b>	<b>50</b>	<b>0.5 ml</b>
<b>261192</b>	<b>Voges-Proskauer A</b>	<b>50</b>	<b>0.5 ml</b>
<b>261193</b>	<b>Voges-Proskauer B</b>	<b>50</b>	<b>0.5 ml</b>

### BD Phoenix™ Automated Microbiology System

The BD Phoenix™ Automated Microbiology System combines world class automation with state-of-the-art microbiology to deliver rapid, accurate identification of clinically relevant bacteria. Phoenix™ panels are currently available for identification of Gram-positive and Gram-negative bacteria. Phoenix™ panels are stored at room temperature and have one year shelf life.



BD Phoenix™

### 6.4 Automated ID with BD Phoenix™

6.4.1	BD Phoenix™ Instrument	
<b>448100</b>	<b>Phoenix™ 100 Instrument</b> The BD Phoenix™ Automated Microbiology System is intended for the rapid identification (ID) of bacteria. The Phoenix™ system provides rapid results for most aerobic and facultative anaerobic Gram-positive bacteria as well as most aerobic and facultative anaerobic Gram-negative bacteria of human origin. The Phoenix™ System utilizes chromogenic and fluorogenic substrates as well as single carbon source substrates in the identification of organisms.	<b>1</b>
<b>448027</b>	<b>Phoenix™ Earthquake Mounting Kit</b>	<b>1</b>
<b>448025</b>	<b>Phoenix™ 25 µL Pipettor</b>	<b>1</b>
<b>448030</b>	<b>Phoenix™ Inoculation Station</b>	<b>5</b>
<b>448020</b>	<b>Phoenix™ Panel Caddy</b>	<b>2</b>
<b>448028</b>	<b>Phoenix™ Pipette Stand</b>	<b>1</b>
<b>448984</b>	<b>Phoenix™ Temperature Panel</b>	<b>1</b>
<b>440911</b>	<b>Phoenix™ Spec Calibration Standards</b>	<b>1</b>
<b>440910</b>	<b>Phoenix™ Spec Nephelometer</b>	<b>1</b>
6.4.2	BD Phoenix™ Consumables	
<b>448007</b>	<b>Phoenix™ Gram-negative ID (Identification) Panel</b>	<b>25</b>
<b>448008</b>	<b>Phoenix™ Gram-positive ID (Identification) Panel</b>	<b>25</b>
<b>246001</b>	<b>Phoenix™ ID Broth, 4.5 ml</b>	<b>100</b>
<b>448037</b>	<b>Phoenix™ Pipette Tips</b>	<b>1632</b>

Cat. No. Description

## Microtrol™ Quality Control Organisms

BD Microtrol™ discs are pure strains of viable freeze-dried bacteria in activated charcoal for use as control organisms.

First generation from recognized national culture collections. Between 10<sup>6</sup> - 10<sup>9</sup> organisms in each disc. Used for quality control of bacterial growth media.



Quantity

## 6.5 Microtrol™ Quality Control Organisms

Cat. No.	Description	Quantity
254632	<i>Aeromonas hydrophila</i> ATCC 7966	10 discs
254652	<i>Aspergillus brasiliens</i> ATCC 16404	10 discs
254648	<i>Bacillus cereus</i> NCTC 7464	25 discs
254612	<i>Bacillus subtilis</i> ATCC 6633	25 discs
254627	<i>Bacteroides fragilis</i> ATCC 25285	10 discs
254645	<i>Campylobacter jejuni</i> NCTC11322	10 discs
254625	<i>Candida albicans</i> ATCC 10231	25 discs
254611	<i>Candida albicans</i> ATCC 2091	25 discs
257461	<i>Citrobacter freundii</i> ATCC 8090	10 discs
254628	<i>Clostridium perfringens</i> ATCC 13124	10 discs
254614	<i>Clostridium sporogenes</i> ATCC 19404	10 discs
254609	<i>Enterobacter aerogenes</i> ATCC 13048	25 discs
257464	<i>Enterobacter cloacae</i> ATCC 23355	10 discs
254999	<i>Enterococcus faecalis</i> ATCC 19433	25 discs
254602	<i>Enterococcus faecalis</i> ATCC 29212	25 discs
257388	<i>Enterococcus faecalis</i> ATCC 51299	10 discs
257462	<i>Enterococcus hirea</i> ATCC 10541	10 discs
254616	<i>Escherichia coli</i> ATCC 10536	25 discs
254986	<i>Escherichia coli</i> ATCC 25922	25 discs
254607	<i>Escherichia coli</i> ATCC 35218	25 discs
254621	<i>Escherichia coli</i> ATCC 8739	25 discs
257441	<i>Haemophilus influenzae</i> ATCC 49247	10 discs
257537	<i>Haemophilus influenzae</i> ATCC 9334 / NCTC 8468	10 discs
257463	<i>Klebsiella aerogenes</i> NCTC 9528	10 discs
254988	<i>Klebsiella pneumoniae</i> ATCC 13883	25 discs
254656	<i>Klebsiella pneumoniae</i> ATCC 700603	10 discs
257440	<i>Proteus mirabilis</i> ATCC 14153	10 discs
254991	<i>Proteus vulgaris</i> ATCC 13315	25 discs
254623	<i>Pseudomonas aerogenes</i> ATCC 9027	25 discs
254992	<i>Pseudomonas aeruginosa</i> ATCC 27853	25 discs

Cat. No. Description

Cat. No.	Description	Quantity
254651	<i>Salmonella poona</i> NCTC 4840	25 discs
254993	<i>Salmonella typhimurium</i> ATCC 14028	25 discs
257442	<i>Serratia marcescens</i> ATCC 8100	10 discs
254995	<i>Staphylococcus aureus</i> ATCC 25923	25 discs
254996	<i>Staphylococcus aureus</i> ATCC 29213	25 discs
254629	<i>Staphylococcus aureus</i> ATCC 6538	25 discs
254613	<i>Staphylococcus aureus</i> ATCC 6538P	25 discs
254647	<i>Staphylococcus aureus</i> ATCC 9144	10 discs
257552	<i>Staphylococcus aureus</i> NCTC 12493 (MRSA)	10 discs
254658	<i>Staphylococcus aureus</i> MRSA ATCC 43300	10 discs
254997	<i>Staphylococcus epidermidis</i> ATCC 12228	25 discs
257444	<i>Streptococcus agalactiae</i> ATCC 13813	10 discs
254603	<i>Streptococcus pneumoniae</i> ATCC 6303	25 discs
254657	<i>Streptococcus pneumoniae</i> ATCC 49619	10 discs
254604	<i>Streptococcus pyogenes</i> ATCC 19615	25 discs
254643	<i>Yersinia enterocolitica</i> ATCC 9610	25 discs

# 7 Rapid Microbiology Testing

**7.1 BD BACTEC™ FX Instrument**

**7.1.1 BD BACTEC™ FX Consumables**

**7.2 BD FACSMicroCount™ Instrument**

**7.2.1 BD FACSMicroCount™ Consumables**

## The Alternative Solution for Rapid, Automated Sterility Testing

### BD BACTEC™ FX Instrument

BACTEC™ FX speeds up sterility testing of raw materials, in-process samples, and finished products. Compared to the traditional membrane filtration method, it significantly reduces Time-To-Result and provides reliable results.

BACTEC™ FX can detect most contaminants in 24 - 72 hours.\*

The BACTEC™ FX instrument supplied with the **BD EpiCenter™ Information Management System** provides a unique solution to effectively track and communicate critical information throughout your manufacturing process.

### BD BACTEC™ FX Consumables

BACTEC™ media provide a unique and superior formulation to enhance recovery of aerobic and anaerobic bacteria, fungi, and yeast.

Bottles are available in standard packaging and in Ethylene Oxide (EtO) gassed, double-wrapped, plastic boxes.

The latter provides a reduced risk of contamination and an easy transfer of the media into the isolator.

The intention of the supplemented resins in the media is to neutralize antimicrobial and preservative components present in product formulation.

\* FDA Abstract # 3416: "Evaluation of Rapid Microbial Detection System for Testing Sterility of Biological Products", Seema Parveen, Simleen Kaur, James L. Kenney, William M. McCormick, Rajesh K. Gupta Center for Biologics Evaluation and Research, FDA, Rockville, MD



BD BACTEC™ FX Instrument Stack consisting of 1 top and 1 bottom unit



BD BACTEC™ FX media bottles in EtO gassed, double wrapped, plastic box.

Cat. No.	Description	Packaging
<b>7.1</b>	<b>BD BACTEC™ FX Instrument</b>	
	The BD BACTEC™ FX instrument consists of a top and a bottom unit; each unit has a capacity of 200 bottles and may be set at different temperatures (20° - 25° C / 30° - 35° C). It is supplied with an EpiCenter™ Data Management System.	
<b>441385</b>	<b>BACTEC™ FX Top Unit</b>	<b>1</b>
<b>441386</b>	<b>BACTEC™ FX Bottom Unit</b>	<b>1</b>
<b>7.1.1</b>	<b>BD BACTEC™ FX Consumables</b>	
<b>442260</b>	<b>BACTEC™ Standard medium, aerobic</b>	<b>50</b>
<b>442191</b>	<b>BACTEC™ Standard medium, anaerobic</b>	<b>50</b>
<b>442192</b>	<b>BACTEC™ PLUS medium, aerobic</b> With resins for neutralization of preservatives.	<b>50</b>
<b>442193</b>	<b>BACTEC™ PLUS medium, anaerobic</b> With resins for neutralization of preservatives.	<b>50</b>
<b>257479</b>	<b>BACTEC™ PLUS medium, aerobic EtO double wrapped</b> Supplied in Ethylene Oxide (EtO) gassed, double wrapped plastic box.	<b>24</b>
<b>257487</b>	<b>BACTEC™ PLUS medium, anaerobic EtO double wrapped</b> Supplied in Ethylene Oxide (EtO) gassed, double wrapped plastic box.	<b>24</b>

## BD FACSMicroCount™ Instrument

The BD FACSMicroCount™ instrument - flow cytometry based solution for rapid bioburden testing and rapid enumeration of microbes.

Use the BD FACSMicroCount™ for:

### Product Release Validation

Meet regulatory requirements; direct correlation with traditional methods.

### In-Process Quality

Earlier bioburden results allow early intervention and reduce risk of compromising future product.

### Convenience

Multiple sample types and test protocols run simultaneously.

### Operational Cost Savings

Reduce inventory-related costs.

### Labor Cost Reduction

Easy to use workflow and walkaway automation enables flexibility of resources.

**Know that your product contains the following microorganisms with the BD FACSMicroCount™ System:**

- Gram-positive bacteria
- Gram-negative bacteria
- Mycoplasmas
- Spirochetes
- Anaerobes
- Spores – bacterial and mold
- Filamentous bacteria, yeasts, and molds



Cat. No.	Description	Quantity	Packaging
<b>7.2</b>	<b>BD FACSMicroCount™ Instrument</b>		
	The BD FACSMicroCount™ is an intergrated system that consists of an instrument, computer with software, keyboard, mouse, monitor, and reagents		
<b>654895</b>	<b>BD FACSMicroCount™ Detection System</b>		<b>1</b>
7.2.1	BD FACSMicroCount™ Consumables		
<b>245173</b>	<b>Biomass Stain</b>	<b>30 µL</b>	<b>4</b>
<b>245174</b>	<b>Dead Cell Stain</b>	<b>60 µL</b>	<b>4</b>
<b>245163</b>	<b>BRAG3</b>	<b>24 ml</b>	<b>4</b>
<b>245165</b>	<b>Dye Diluent</b>	<b>24 ml</b>	<b>4</b>
<b>245162</b>	<b>Lysis Buffer</b>	<b>24 ml</b>	<b>2</b>
<b>245164</b>	<b>Buffer Reagent</b>	<b>24 ml</b>	<b>4</b>
<b>245169</b>	<b>Sheath Fluid Concentrate</b>	<b>1 L</b>	<b>4</b>
<b>245168</b>	<b>Cleaning Fluid Concentrate</b>	<b>1 L</b>	<b>1</b>
<b>245166</b>	<b>Phosphate Buffer MicroCount</b>	<b>1 L</b>	<b>1</b>
<b>245172</b>	<b>Growth Enhancement Media</b>	<b>1 L</b>	<b>1</b>
<b>245170</b>	<b>Product Screening Media Kit</b>	<b>50 tests</b>	<b>1</b>
<b>245171</b>	<b>Performance Standard</b>	<b>100 ml</b>	<b>3</b>
<b>245167</b>	<b>Sodium Azide</b>	<b>25 ml</b>	<b>3</b>
<b>245160</b>	<b>Filter Caps, 30 µm</b>	<b>50 tests</b>	<b>1</b>
<b>245161</b>	<b>Tube Conical, 50 ml</b>	<b>25 tests</b>	<b>1</b>
<b>ENRICHMENT MEDIA</b>			
<b>257594</b>	<b>Eugon LT 100 Broth</b>	<b>100 ml</b>	<b>10</b>
<b>257595</b>	<b>Eugon LT 100 Broth</b>	<b>9 ml</b>	<b>50</b>
<b>257366</b>	<b>Tryptic Soy Broth with 0.5% Polysorbate 80, sterile pack</b>	<b>100 ml</b>	<b>25</b>
<b>257205</b>	<b>Tryptic Soy Broth with 1% Polysorbate 80</b>	<b>100 ml</b>	<b>25</b>
<b>257206</b>	<b>Fluid Thioglycollate Medium with 1% Polysorbate 80</b>	<b>100 ml</b>	<b>25</b>
<b>257580</b>	<b>Modified Letheen Broth</b>	<b>90 ml</b>	<b>25</b>
<b>257582</b>	<b>Modified Letheen Broth with 5% Polysorbate 80</b>	<b>90 ml</b>	<b>25</b>

# 8 EpiCenter™ Data Management

## 8.1 BD EpiCenter™



This Data Management solution, developed according to GMP requirements, combines **Environmental Monitoring results** for ease of use, reporting and trend analysis.

The BD EpiCenter™ for Industrial Microbiology Application was designed by industry experts to provide complete traceability of environmental monitoring results, to prepare quality reports and perform trend analysis.

- 21CFR Part 11
- A validated system in compliance with GMP
- Easy to use to collect, retrieve and report testing data
- Complete traceability
- Customized description of all clean rooms and sampling areas
- Detailed investigation of excursions
- House flora analysis
- Trend analysis
- Connectivity to LIS

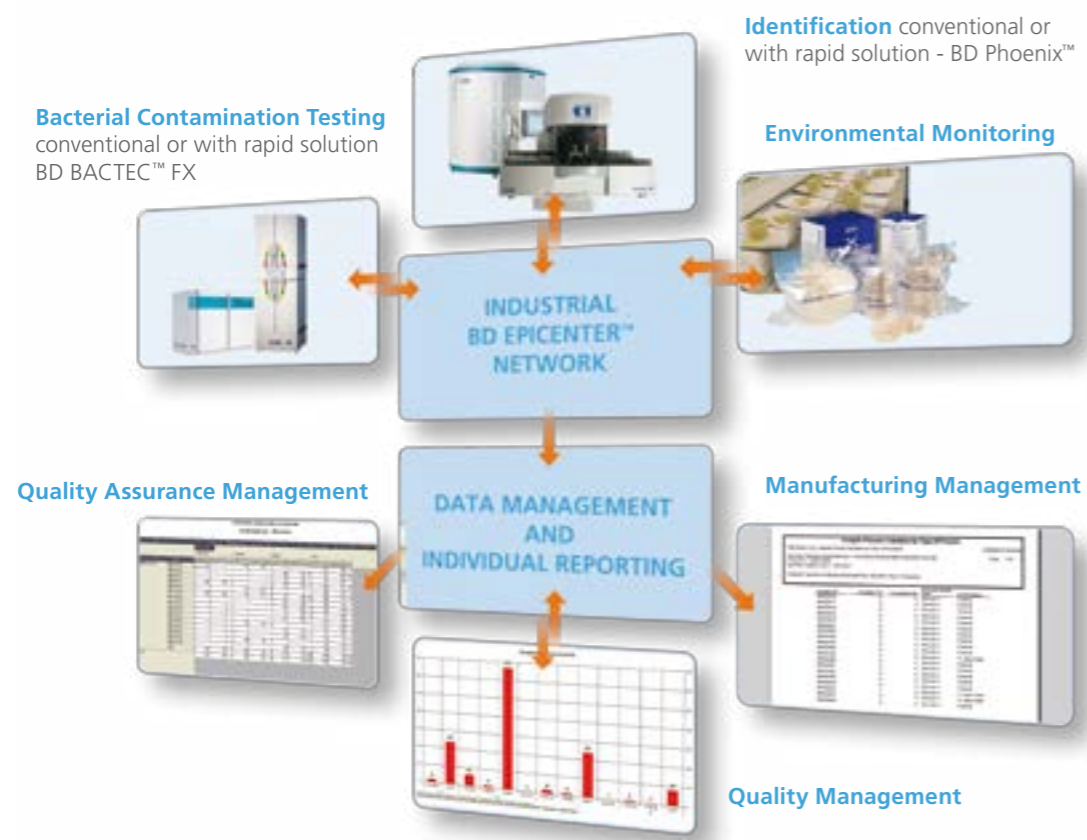
### BD EpiCenter™

Consists of: computer, monitor, keyboard, printer, barcode scanner, and software.

### Data Filters

Additional personalized data filters are available on request.

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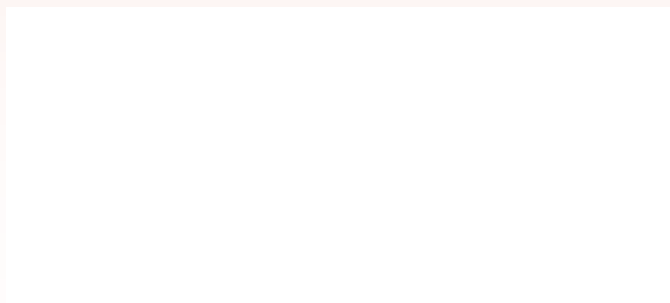
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