CATÁLOGO BD MICROBIOLOGÍA 2013, AKRALAB

Pulsar Aquí

- 1.- MEDIOS DE CULTIVO DESHIDRATADOS
- 2.- MEDIOS PREPARADOS
- 3.- SISTEMA DE MONITOREO AMBIENTAL
- 4.- REACTIVOS Y COLORANTES
- 5.- IDENTIFICACIÓN Y PRODUCTOS DE CONTROL DE CALIDAD
- 6.- EP / USP TEST PARA MICROORGANISMOS ESPECÍFICOS (TSM) Medios
- 7- PRUEBAS DE ESTERILIDAD AUTOMATIZADAS
- 8- PROCESADOR DE MUESTAS AUTOMÁTICO INNOVACIÓN MICROBIOLÓGICA
- 9.- EPICENTER DE DATOS DE SISTEMA DE GESTIÓN

PRODUCT CATALOG – 2011 / 2012

INDUSTRIAL MICROBIOLOGY

BD Diagnostics
Diagnostic Systems

BD

Helping all people
live healthy lives

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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 Other

1.2.2 Meat Peptones and Media

1.3 Chemically Defined Products

1.4 General Media for Media Fill

VOLVER

Dehydrated Culture Media and Ingredients

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 posed 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 110 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 micro-biology 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 BD incoming 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.

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1. DEHYDRATED CULTURE MEDIA AND INGREDIENTS

1.1. Dehydrated Culture Media and Ingredients

Cat. No.	Description	Brand	Quantity
1.1.1 Dehydrated Culture Media			
244020	**2×YT Medium (Yeast Extract Tryptone)** Formulation designed for growth and propagation of *E. coli* infected with the single strand filamentous bacteriophage M13.	**BD Difco™**	**500 g**
218231	**A-1 Medium** Determination of fecal coliforms in water and foods.	**BD Difco™**	**500 g**
274210	**Acetate Differential Agar** Differentiation of members of *Shigella* genus from *Escherichia* genus.	**BD Difco™**	**500 g**
212168	**Actinomycete Isolation Agar** Use with added glycerol for isolating and cultivating actinomyces from soil and water.	**BD Difco™**	**500 g**
215710	**Adonitol** 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.	**BD Difco™**	**10 g**
212304	**Agar (Grade A)** Agar, Grade A is a high-grade agar, specially processed for microbiological purposes. It is routinely used as a solidifying agent in microbiological media.	**BD BBL™**	**500 g**
214530	**Agar (Granulated)** Used as a solidifying agent for culture media. Carefully monitored for cultural response, solubility and gelation temperature. High quality agar for use in clinics and biotechnology, equivalent to BD BiTek™. Suitable for culturing recombinant strains of *Escherichia coli* (HB 101) and *Saccharomyces cerevisiae*. May be used for general bacteriological purposes where clarity is not a strict requirement.	**BD Difco™**	**500 g**
214510	**Agar (Granulated)**	**BD Difco™**	**2 kg**
214520	**Agar (Granulated)**	**BD Difco™**	**10 kg**
214220	**Agar (Noble)** Noble Agar 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.	**BD Difco™**	**100 g**
214230	**Agar (Noble)**	**BD Difco™**	**500 g**
214050	**Agar (Purified)** Purified Agar in which extraneous matter, pigmented portions and salts are reduced to a minimum. Used for the determination of motility and the growth of anaerobes and microaerophiles.	**BD Difco™**	**100 g**
214010	**Agar (Purified)**	**BD Difco™**	**454 g**
214030	**Agar (Purified)**	**BD Difco™**	**2 kg**
214040	**Agar (Purified)**	**BD Difco™**	**10 kg**
281230	**Agar (Technical)** Agar Technical is a solidifying agent used in preparing microbiological culture media. Although Agar Technical has wider quality control parameters than other bacteriological agars, solubility, gelation temperature and solidity are carefully monitored to permit its use.	**BD Difco™**	**500 g**
281210	**Agar (Technical)**	**BD Difco™**	**2 kg**
212272	**Agarose** Agarose is a complex galactose polysaccharide of near neutral charge. It is specially prepared and is intended mainly for use in gel electrophoresis.	**BD BBL™**	**500 g**
210912	**AK Agar No. 2 (Sporulating Agar)** Culture medium for the preparation of spore suspensions for use in procedures for the detection of antibiotic residues in milk and dairy products.	**BD BBL™**	**500 g**

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1. DEHYDRATED CULTURE MEDIA AND INGREDIENTS

1.1. Dehydrated Culture Media and Ingredients

Cat. No.	Description	Brand	Quantity
253610	**Anaerobic Agar** General purpose medium for anaerobic microorganisms.	BD Difco™	500 g
226340	**Antibiotic Medium 1** Penassay Seed Agar. Microbiological assay of antibiotics. USP compliant.	BD Difco™	500 g
227020	**Antibiotic Medium 2** Penassay Base Agar. Microbiological assay of antibiotics. USP compliant.	BD Difco™	500 g
210932	**Antibiotic Medium 3** Penassay Broth.	BD BBL™	500 g
224320	**Antibiotic Medium 3** Penassay Broth.	BD Difco™	500 g
224310	**Antibiotic Medium 3** Antibiotic Assay Broth. USP compliant.	BD Difco™	2 kg
224410	**Antibiotic Medium 4** Yeast Beef Agar Microbiological assay of antibiotics. USP compliant.	BD Difco™	500 g
227710	**Antibiotic Medium 5** Streptomycin Assay Agar Microbiological assay of antibiotics. USP compliant.	BD Difco™	500 g
266710	**Antibiotic Medium 8** Microbiological assay of antibiotics. USP compliant.	BD Difco™	500 g
246210	**Antibiotic Medium 9** Polymyxin Base Agar Microbiological assay of antibiotics. USP compliant.	BD Difco™	500 g
246310	**Antibiotic Medium 10** Polymyxin Seed Agar Microbiological assay of antibiotics. USP compliant.	BD Difco™	500 g
259310	**Antibiotic Medium 11** Erythromycin/Neomycin Agar Microbiological assay of antibiotics. USP compliant.	BD Difco™	500 g
266910	**Antibiotic Medium 12** Microbiological assay of antibiotics. USP compliant.	BD Difco™	500 g
243100	**Antibiotic Medium 19** Microbiological assay of antibiotics. USP compliant.	BD Difco™	500 g
265430	**APT Agar** APT Agar is used for cultivating heterofermentative lactobacilli and other organisms requiring high thiamine content. It is also used for maintaining stock cultures of *Weissella (Lactobacillus) viridescens* ATCC 12706 used in the assay of thiamine.	BD Difco™	500 g
265510	**APT Broth** Used for culturing *Weissella viridescens* 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	**Asparagine** Amino acid for chemical and microbiological usage.	BD Difco™	500 g
240920	**Azide Blood Agar Base** Used for isolating streptococci and staphylococci and, supplemented with blood, for determining hemolytic reactions.	BD Difco™	500 g
238710	**Azide Dextrose Broth** Used for cultivating streptococci in water and wastewater.	BD Difco™	500 g
245710	**B12 Assay Medium** Used for determining vitamin B12 concentration by the microbiological assay technique.	BD Difco™	100 g
254110	**B12 Culture Agar** Used for cultivating *Lactobacillus delbrueckii subsp. lactis* ATCC 7830 used in the Vitamin B12 Activity Assay.	BD Difco™	100 g

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1. DEHYDRATED CULTURE MEDIA AND INGREDIENTS

1.1. Dehydrated Culture Media and Ingredients

Cat. No.	Description	Brand	Quantity
254210	**B12 Inoculum Broth** Used for preparing the inoculum of *Lactobacillus delbrueckii subsp. lactis* ATCC 7830 used in the Vitamin B12 Activity Assay.	BD Difco™	100 g
276840	**Baird-Parker Agar Base** Used for the preparation of Egg Tellurite Glycine Pyruvate Agar (ETGPA). May also be used for the identification of staphylococci on the basis of their ability to clear egg yolk. Use with EY Tellurite Enrichment (Cat. Nos. 277910 and 212357) for the detection and enumeration of coagulase-positive staphylococci from food, skin, soil, air and other materials.	BD Difco™	500 g
276810	**Baird-Parker Agar Base**	BD Difco™	2 kg
212327	**BCYE Agar Base** Buffered Charcoal Yeast Extract (BCYE) Agar Base is used in qualitative procedures for isolation of Legionella species from clinical specimens and non-clinical (environmental) samples.	BD BBL™	500 g
213210	**Beef Heart for Infusion** 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	**BiGGY Agar** BiGGY (Bismuth Sulfite Glucose Glycine Yeast) is a selective and differential medium used in the detection, isolation and presumptive identification of *Candida* species.	BD BBL™	500 g
299068	**Bile Esculin Agar** Used to differentiate enterococci and the *Streptococcus bovis* group from other streptococci.	BD BBL™	500 g
213010	**Bile Salts No. 3** Selective agent, inhibits gram-positive organisms.	BD Difco™	100 g
213020	**Bile Salts No. 3**	BD Difco™	500 g
241910	**Biotin Assay Medium** For determining biotin concentration by the microbiological assay technique using *Lactobacillus plantarum* ATCC 8014 as a test organism.	BD Difco™	100 g
273300	**Bismuth Sulfite Agar** Bismuth Sulfite Agar is a highly selective medium used for isolating *Salmonella* spp., particularly *Salmonella* Typhi, from food and clinical specimens. Bismuth Sulfite Agar is a modification of the Wilson and Blair formula.	BD Difco™	500 g
211037	**Blood Agar Base** Infusion medium for isolation and cultivation of a wide variety of microorganisms. Can be used with added blood for cultivation of fastidious microorganisms and hemolytic activity of streptococci.	BD BBL™	500 g
211038	**Blood Agar Base**	BD BBL™	2.3 kg
248200	**Bordet Gengou Agar Base** Used with the addition of sterile blood and glycerol for the detection and isolation of *B. pertussis* and other Bordetella species. The medium is rendered selective by the addition of methicillin.	BD Difco™	500 g
211057	**Brain Heart CC Agar** 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	**Brain Heart Infusion** BHI is a general-purpose 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™	100 g
237500	**Brain Heart Infusion**	BD Difco™	500 g
237200	**Brain Heart Infusion**	BD Difco™	2 kg
211059	**Brain Heart Infusion**	BD BBL™	500 g

1. DEHYDRATED CULTURE MEDIA AND INGREDIENTS

1.1.Dehydrated Culture Media and Ingredients

Cat. No.	Description	Brand	Quantity
211061	**Brain Heart Infusion**	BD BBL™	11.4 kg
241820	**Brain Heart Infusion Agar** For the cultivation of fastidious microorganisms especially fungi and yeasts. For use with added antibiotics in isolating fungi.	BD Difco™	100 g
241830	**Brain Heart Infusion Agar**	BD Difco™	500 g
241810	**Brain Heart Infusion Agar**	BD Difco™	2 kg
211065	**Brain Heart Infusion Agar**	BD BBL™	500 g
299070	**Brain Heart Infusion Broth, Modified** For the cultivation of fastidious organisms; contains modified quantities of the ingredients and contains pancreatic digest of casein instead of pancreatic digest of gelatin.	BD BBL™	500 g
249910	**Brain Heart Infusion with PAB and Agar** 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
211069	**Brain Heart Infusion with PABA** 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
256120	**Brain Heart Infusion, Porcine** For the cultivation of a variety of microorganisms using porcine as an alternate peptone source.	BD Difco™	500 g
227920	**Brewer Anaerobic Agar** Used for cultivating anaerobic and microaerophilic bacteria.	BD Difco™	500 g
228530	**Brilliant Green Agar** Highly selective medium for the isolation of *Salmonella* other than *Salmonella* Typhi from feces and other materials. Can be used with Novobiocin Antimicrobic Supplement (Cat. No. 231971).	BD Difco™	500 g
218801	**Brilliant Green Agar, Modified (Edel-Kampelmacher)** Selective medium for the isolation of *Salmonella* from water, sewage and foodstuffs.	BD Difco™	500 g
214100	**Brilliant Green Bile Agar** Used for isolating, differentiating and enumerating coliform bacteria.	BD Difco™	500 g
274000	**Brilliant Green Lactose Bile Broth, 2%** Brilliant Green Bile Broth 2% (Brilliant Green Lactose Bile Broth) is used for the detection of coliform organisms in foods, dairy products, water and wastewater, as well as in other materials of sanitary importance.	BD Difco™	500 g
271000	**Brilliant Green Lactose Bile Broth, 2%**	BD Difco™	2 kg
271710	**Brilliant Green Sulfa Agar** BG Sulfa Agar. Selective isolation of *Salmonella* (not *S.* Typhi) from stool and other media after preenrichment. Can be used with SBG Sulfa Enrichment (Cat. No. 271510).	BD Difco™	500 g
211086	**Brucella Agar** A culture medium for the cultivation of *Brucella* organisms.	BD BBL™	500 g
211088	**Brucella Broth** Used for the cultivation of *Brucella* species and for the isolation and cultivation of a wide variety of fastidious and nonfastidious microorganisms.	BD BBL™	500 g
218105	**Buffered Peptone Water** Preenrichment for injured *Salmonella* species from food specimens to increase recovery.	BD Difco™	500 g
218103	**Buffered Peptone Water**	BD Difco™	2 kg
218104	**Buffered Peptone Water**	BD Difco™	10 kg
212367	**Buffered Peptone Water**	BD BBL™	500 g
212345	**Buffered Peptone Water**	BD BBL™	2.3 kg

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1. DEHYDRATED CULTURE MEDIA AND INGREDIENTS

1.1. Dehydrated Culture Media and Ingredients

Cat. No.	Description	Brand	Quantity
214939	**Buffered Peptone Caseine Water** Preenrichment for injured *Salmonella* species from food specimens to increase recovery.	BD Difco™	500 g
214938	**Buffered Peptone Caseine Water**	BD Difco™	10 kg
257820	**Bushnell-Haas Broth** Used for studying microbial utilization of hydrocarbons.	BD Difco™	500 g
218201	**Campylobacter Agar Base** For use with blood and antibiotics (Campylobacter Antimicrobic Supplement B, Campylobacter Antimicrobic Supplement S or other antibiotics) in isolating and cultivating Campylobacter.	BD Difco™	2 kg
283510	**Candida BCG Agar Base** Candida Bromcresol Green (BCG) Agar is a differential and selective medium used for primary isolation and detection of *Candida* species from clinical specimens.	BD Difco™	500 g
211102	**Cary and Blair Transport Medium** Used for collecting, transporting and preserving microbiological specimens, particularly those containing *Vibrio cholerae*.	BD BBL™	500 g
211106	**Casman Agar Base** Used for the cultivation of fastidious pathogenic organisms, such as *Haemophilus influenzae* and *Neisseria gonorrhoeae*, from clinical specimens.	BD BBL™	500 g
216010	**Cellobiose** Carbohydrate; Cellobiose (+), anhydrous, neither D nor L.	BD Difco™	25 g
285420	**Cetrimide Agar Base / BD Pseudosel™ Agar** Used for the selective isolation and identification of *Pseudomonas aeruginosa*.	BD Difco™	500 g
211805	**Chapman Stone Medium** Used for isolating and differentiating staphylococci based on mannitol fermentation and gelatinase activity.	BD Difco™	500 g
289410	**Charcoal Agar** Cultivation of fastidious organisms, particularly *Bordetella pertussis*, for vaccine production and stock culture maintenance.	BD Difco™	500 g
212218	**CLED Agar** 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
211116	**Coagulase Mannitol Agar** Used for the differentiation of *Staphylococcus aureus* from other species based on coagulase production and mannitol fermentation.	BD BBL™	500 g
211124	**Columbia Agar Base** 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™	500 g
211125	**Columbia Agar Base**	BD BBL™	2.7 kg
279240	**Columbia Blood Agar Base** Infusion-free basal medium to use with or without blood for the cultivation of fastidious microorganisms.	BD Difco™	500 g
279220	**Columbia Blood Agar Base**	BD Difco™	2 kg
279230	**Columbia Blood Agar Base**	BD Difco™	10 kg
279030	**Columbia Blood Agar Base EH** Infusion-free basal medium to use with blood for enhanced beta-hemolytic reactions after overnight incubation and for cultivation of fastidious microorganisms, particularly *Helicobacter pylori*.	BD Difco™	500 g
279010	**Columbia Blood Agar Base EH**	BD Difco™	2.3 kg
279020	**Columbia Blood Agar Base EH**	BD Difco™	10 kg

1. DEHYDRATED CULTURE MEDIA AND INGREDIENTS

1.1. Dehydrated Culture Media and Ingredients

Cat. No.	Description	Brand	Quantity
294420	**Columbia Broth** Cultivation of fastidious microorganisms. Particularly recommended for blood culture because of its ability to grow a wide range of microorganisms.	BD Difco™	500 g
212104	**Columbia CNA Agar** Used with blood for the selective isolation of gram-positive cocci; contains colistine and nalidixin-acid.	BD BBL™	500 g
294221	**Columbia CNA Agar**	BD BBL™	2.3 kg
212249	**Columbia CNA Agar**	BD BBL™	11.3 kg
297596	**Columbia II Agar** 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	**Cooke Rose Bengal Agar** Use with or without BD Difco™ Antimicrobic Vial A (Cat. No. 233331) for the selective isolation of fungi from environmental and food specimens.	BD Difco™	500 g
226730	**Cooked Meat Medium** For the cultivation of anaerobic bacteria and maintenance of stock cultures, especially pathogenic clostridia.	BD Difco™	500 g
211132	**Corn Meal Agar** General-purpose medium for the cultivation of fungi.	BD BBL™	500 g
211094	**CTA Agar** Cystin Trypticase™ Agar. Primarily used for carbohydrate fermentation tests with corynebacteria and especially for differentiation of *C. diphteriae* from related species.	BD BBL™	500 g
211096	**CTA Medium™** 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. *Neisseria*, pneumococci, streptococci- and nonsporeforming anaerobes.	BD BBL™	500 g
246710	**Cystine Assay Medium** Used for determining L-cystine concentration by the microbiological assay technique.	BD Difco™	100 g
247100	**Cystine Heart Agar** Cystine Heart Agar is used with hemoglobin for cultivating *Francisella tularensis* and without enrichment for cultivating gram-negative cocci and other microorganisms.	BD Difco™	500 g
252310	**Cystine Tryptic Agar** 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., *Neisseria*, pneumococci, streptococci and nonsporeforming anaerobes.	BD Difco™	500 g
233910	**Czapek Solution Agar** Used for cultivating fungi and bacteria capable of using inorganic nitrogen.	BD Difco™	500 g
233810	**Czapek-Dox Broth** Used for cultivating fungi and bacteria capable of using inorganic nitrogen.	BD Difco™	500 g
268620	**D/E Neutralizing Agar** 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™	500 g
268610	**D/E Neutralizing Agar**	BD Difco™	10 kg
281910	**D/E Neutralizing Broth** Used for the neutralization and testing of antiseptics and disinfectants according to the procedure of Dey and Engley.	BD Difco™	500 g

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1. DEHYDRATED CULTURE MEDIA AND INGREDIENTS

1.1. Dehydrated Culture Media and Ingredients

Cat. No.	Description	Brand	Quantity
211144	**DCLS Agar** DCLS Agar (Desoxycholate Citrate Lactose Sucrose Agar) is a moderately selective culture medium for the isolation of *Salmonella* and *Shigella* from fecal specimens.	BD BBL™	500 g
289020	**Decarboxylase Base Moeller** Use to differentiate gram-negative enteric bacilli based on their ability to decarboxylate amino acids.	BD Difco™	500 g
211430	**Decarboxylase Broth Base Moeller** Use with added lysine, arginine or ornithine for the differentiation of gram-negative enteric bacilli based on the production of arginine dihydrolase and lysine and ornithine decarboxylase.	BD BBL™	500 g
287220	**Decarboxylase Medium Base** Use with added amino acid in differentiating bacteria based on amino acid decarboxylation.	BD Difco™	500 g
265320	**Demi-Fraser Broth Base** For use with Fraser Broth Supplement (Cat. No. 211742) in selectively and differentially enriching *Listeria* from foods.	BD Difco™	500 g
265310	**Demi-Fraser Broth Base**	BD Difco™	10 kg
212330	**Dermatophyte Test Medium Base** Dermatophyte Test Medium (DTM) is a selective and differential medium used for the detection and presumptive identification of dermatophytes from clinical and veterinary specimens.	BD BBL™	500 g
227310	**Desoxycholate Agar** A slightly selective and differential plating medium used for isolating and differentiating gram-negative enteric bacilli.	BD Difco™	500 g
227410	**Desoxycholate Citrate Agar** A moderately selective and differential plating medium used for isolating enteric bacilli, particularly *Salmonella* and many *Shigella* species.	BD Difco™	500 g
242010	**Desoxycholate Lactose Agar** A slightly selective and differential plating medium used for isolating and differentiating gram-negative enteric bacilli and for enumerating coliforms from water, wastewater, milk and dairy products.	BD Difco™	500 g
267100	**Dextrose Agar** Used for cultivating a wide variety of microorganisms with or without added blood.	BD Difco™	500 g
263100	**Dextrose Broth** Used for cultivating fastidious microorganisms and for detecting gas from enteric bacilli.	BD Difco™	500 g
215530	**Dextrose / Glucose** 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™	500 g
215510	**Dextrose / Glucose**	BD Difco™	2 kg
266200	**Dextrose Starch Agar** Dextrose Starch Agar is recommended as a complete solid medium for the propagation of pure cultures of *Neisseria gonorrhoeae*. This highly nutritious medium without additives will also support excellent growth of *N. meningitidis*, *Streptococcus pneumoniae* and *S. pyogenes*.	BD Difco™	500 g
280100	**Dextrose Tryptone Agar** Used for cultivating thermophilic "flat-sour" microorganisms associated with food spoilage.	BD Difco™	500 g
216310	**D-Galactose** Carbohydrate; D-Galactose (+), anhydrous.	BD Difco™	500 g
264120	**Differential Reinforced Clostridial Agar (DRCA)** For enumeration and cultivation of sulfate-reducing clostridia in foods.	BD Difco™	500 g
217020	**D-Mannitol** Carbohydrate	BD Difco™	500 g

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1. DEHYDRATED CULTURE MEDIA AND INGREDIENTS

1.1. Dehydrated Culture Media and Ingredients

Cat. No.	Description	Brand	Quantity
263220	**DNase Test Agar** Differential medium used for the detection of desoxyribonuclease activity to aid in the identification of bacteria.	BD Difco™	500 g
211179	**DNase Test Agar**	BD BBL™	500 g
222020	**DNase Test Agar with Methyl Green** 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
258710	**DRBC Agar** 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
217910	**D-Sorbitol Sorbite** Carbohydrate	BD Difco™	500 g
238510	**Dubos Broth Base** Dubos Broth Base is used with Dubos Medium Albumin (Cat. No. 230910) for rapidly cultivating pure cultures of *Mycobacterium tuberculosis*.	BD Difco™	500 g
237310	**Dubos Oleic Agar Base** Dubos Oleic Agar Base is used with Dubos Oleic Albumin Complex (Cat. No. 237510) and penicillin for isolating and determining the susceptibility of *M. tuberculosis*.	BD Difco™	500 g
216210	**Dulcitol Galactitol** Carbohydrate	BD Difco™	100 g
218110	**D-Xylose** Carbohydrate; use with XLT4 Agar Base (Cat. No. 223420).	BD Difco™	25 g
231430	**EC Medium** Differentiation and enumeration of fecal and nonfecal coliforms in water, wastewater, shellfish and foods.	BD Difco™	500 g
231410	**EC Medium**	BD Difco™	10 kg
222200	**EC Medium with MUG** Detection of MUG positive *E. coli* using a fluorogenic assay in water, food and milk.	BD Difco™	500 g
234020	**EC Medium, Modified** Use with Novobiocin Antimicrobic Supplement (Cat. No. 231971) for the preenrichment of food samples (meat and poultry products) prior to the detection of *E. coli* O157:H7.	BD Difco™	500 g
297005	**EE Broth** For the isolation of *Enterobacteriaceae* particularly from foods.	BD BBL™	500 g
256620	**EE Broth Mossel** Use for selectively enriching and detecting *Enterobacteriaceae*, particularly from foods.	BD Difco™	500 g
212183	**Elliker Broth** Elliker Broth, also known as Lactobacilli Broth, is used for cultivating streptococci and lactobacilli, particularly in dairy products.	BD Difco™	500 g
211199	**Endo Agar** A differential and slightly selective culture medium for the detection of coliform and other enteric microorganisms.	BD BBL™	500 g
212205	**Enterococcosel™ Agar** 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	**Enterococcosel™ Broth** 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	**Eosin Methylene Blue Agar (Levine) without Lactose** Eosin Methylene Blue Agar, Levine, without Lactose is provided for convenience in genetic studies of enteric bacilli.	BD BBL™	500 g

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1.1. Dehydrated Culture Media and Ingredients

Cat. No.	Description	Brand	Quantity
211215	**Eosin Methylene Blue Agar, Modified (Holt-Harris & Teague)** A slightly selective and differential medium for the isolation, cultivation and differentiation of gram-negative enteric bacilli from both clinical and non-clinical specimens.	**BD BBL™**	**500 g**
215810	**Esculin** A water-soluble glycoside for the preparation of culture media used for the identification of various organisms, including enterobacteriaceae, enterococci and anaerobes. The test is used to differentiate group D streptococci, e.g. a *S. faecalis* that hydrolyzes esculin, - from non-group D streptococci, e.g. a *S. agalactiae* 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	**Esculin Iron Agar** Esculin Iron Agar (EIA substrate) is used for enumerating enterococci from water by membrane filtration based on esculin hydrolysis.	**BD Difco™**	**100 g**
258910	**Eugon Agar** A general-purpose medium used for cultivating a wide variety of microorganisms. Eugon Agar can be used with or without enrichment. Enriched with blood, Eugon Agar supports the growth of pathogenic fungi including *Nocardia*, *Histoplasma* and *Blastomyces*. With the addition of BD Difco™ Supplement B (Cat. No. 227610), excellent growth of *Neisseria*, *Francisella* and *Brucella* is achieved. The unenriched medium supports rapid growth of lactobacilli associated with cured meat products, dairy products and other foods.	**BD Difco™**	**500 g**
259010	**Eugon Broth** A general-purpose medium used for the cultivation of fastidious and nonfastidious bacteria from a variety of clinical and non-clinical specimens.	**BD Difco™**	**500 g**
212107	**EVA Broth** 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	**FA Buffer (Dried)** A phosphate-buffered saline (PBS) which, upon rehydration, yields a 0.85% NaCI solution buffered to pH 7.2. BD Difco™ FA Buffer, Dried is used in preparing: - Reactive Control Serum (4+) -Unabsorbed - Minimally Reactive Control Serum (1+) - Nonreactive Control Serum (N) - Nonspecific Staining Control -Unabsorbed	**BD Difco™**	**6 x 10 g**
223142	**FA Buffer (Dried)**	**BD Difco™**	**100 g**
298710	**Fletcher Medium Base** Use with sterile normal rabbit serum for isolation, cultivation and maintenance of *Leptospira*.	**BD Difco™**	**500 g**
231810	**Folic Acid Assay Medium** Used for determining folic acid concentration by the microbiological assay technique.	**BD Difco™**	**100 g**
282210	**Folic Acid Casei Medium** Used for determining folic acid concentration by the microbiological assay technique.	**BD Difco™**	**100 g**
212169	**Folic AOAC Medium** Used for determining folic acid concentration by the microbiological assay technique.	**BD Difco™**	**100 g**
211767	**Fraser Broth Base** Use with Fraser Broth Supplement (Cat. No. 211742) for the selective enrichment and detection of Listeria.	**BD Difco™**	**500 g**
211766	**Fraser Broth Base**	**BD Difco™**	**2 kg**
211248	**FTA Hemagglutination Buffer** 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	**GC Medium Base** Used with various additives in isolating and cultivating *Neisseria gonorrhoeae* and other fastidious microorganisms.	**BD Difco™**	**500 g**

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Cat. No.	Description	Brand	Quantity
214340	**Gelatin** Gelatin is a protein of uniform molecular constitution derived chiefly from the hydrolysis of collagen. Collagens are a class of albuminoids found abundantly in bones, skin, tendon, cartilage, and similar tissues of animals. Gelatin is used in culture media to detect gelatin liquefaction by bacteria and as a nitrogen and amino acid source.	BD Difco™	500 g
214320	**Gelatin**	BD Difco™	10 kg
218091	**Giolitti-Cantoni Broth Base** Used for enriching *Staphylococcus aureus* from foods during isolation procedures.	BD Difco™	500 g
228210	**Glycerol** Highly purified alcohol used as a fixative in bacterial preservation media and in the isolation and cultivation of many organisms.	BD Difco™	100 g
228220	**Glycerol**	BD Difco™	500 g
211279	**GN Broth** Gram-negative Broth; For the selective enrichment of *Salmonella* and *Shigella*.	BD BBL™	500 g
248610	**GN Broth, Hajna** Gram-negative Broth, Hajna; Isolation and cultivation of gram-negative organisms.	BD Difco™	500 g
268510	**HC Agar Base** HC Agar Base, when supplemented with Polysorbate 80, is used for enumerating molds in cosmetic products.	BD Difco™	500 g
244400	**Heart Infusion Agar** A general-purpose medium used in the cultivation of a wide range of microorganisms from a variety of clinical and non-clinical specimens.	BD Difco™	500 g
244100	**Heart Infusion Agar**	BD Difco™	2 kg
211839	**Heart Infusion Agar**	BD Difco™	10 kg
238400	**Heart Infusion Broth** Used for cultivating fastidious microorganisms.	BD Difco™	500 g
238100	**Heart Infusion Broth**	BD Difco™	2 kg
285340	**Hektoen Enteric Agar** A moderately selective medium used in qualitative procedures for the isolation and cultivation of gram-negative enteric microorganisms, especially *Shigella*, from a variety of clinical and non-clinical specimens.	BD Difco™	500 g
285320	**Hektoen Enteric Agar**	BD Difco™	10 kg
212392	**Hemoglobin, Bovine (Freeze-Dried)** BD BBL™ Hemoglobin products are used in preparing microbiological culture media.	BD BBL™	500 g
211299	**Indole Nitrite Medium (BD Trypticase™ Nitrate Broth)** Used for the identification of microorganisms by means of the nitrate reduction and indole tests.	BD BBL™	500 g
216410	**Inositol** Carbohydrate; Inosite, Mesoinositol, neither D nor L.	BD Difco™	100 g
212222	**Inositol Assay Medium** Used for determining inositol concentration by the microbiological assay technique.	BD Difco™	100 g
276910	**ISP Medium 1** International Streptomyces Project Tryptone Yeast Extract Broth.	BD Difco™	500 g
277010	**ISP Medium 2** International Streptomyces Project Yeast Malt Extract Agar.	BD Difco™	500 g
277210	**ISP Medium 4** International Streptomyces Project Inorganic Salts Starch Agar.	BD Difco™	500 g

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Cat. No.	Description	Brand	Quantity
249610	**KF Streptococcus Agar** Used with TTC Solution 1% (Cat. No. 231121 or 264310) in isolating and enumerating fecal streptococci.	BD Difco™	500 g
212226	**KF Streptococcus Broth** Used for isolating fecal streptococci.	BD Difco™	500 g
211317	**Kligler Iron Agar** Used for the differentiation of members of the *Enterobacteriaceae* on the basis of their ability to ferment dextrose and lactose and to liberate sulfides.	BD BBL™	500 g
290010	**Lactobacilli Agar AOAC** Used for maintaining stock cultures for microbiological assays of vitamins and amino acids.	BD Difco™	100 g
290110	**Lactobacilli Broth AOAC** Used for preparing inocula for microbiological assays of vitamins and amino acids.	BD Difco™	100 g
288210	**Lactobacilli MRS Agar** For use in the isolation, enumeration and cultivation of *Lactobacillus* species.	BD Difco™	500 g
288130	**Lactobacilli MRS Broth** For use in the isolation, enumeration and cultivation of *Lactobacillus* species.	BD Difco™	500 g
288110	**Lactobacilli MRS Broth**	BD Difco™	2 kg
288120	**Lactobacilli MRS Broth**	BD Difco™	10 kg
243000	**Lactose Broth** 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™	100 g
211835	**Lactose Broth**	BD Difco™	500 g
241000	**Lactose Broth**	BD Difco™	2 kg
242000	**Lactose Broth**	BD Difco™	10 kg
215620	**Lactose Monohydrate** Used as a filler or diluent in tablets, capsules and lyophilized products.	BD Difco™	500 g
215610	**Lactose Monohydrate**	BD Difco™	10 kg
266520	**Lactose Peptone Broth** Detection of coliform organisms in water.	BD Difco™	500 g
266510	**Lactose Peptone Broth**	BD Difco™	10 kg
215920	**L-Arabinose** 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	**Lauryl Sulfate Broth** 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	**Lauryl Sulfate Broth with MUG** Known also as Lauryl Sulfate Tryptose Broth with MUG (LST-MUG). Used for the detection of *Escherichia coli* in water, food and dairy samples by a fluorogenic procedure.	BD BBL™	500 g
224150	**Lauryl Tryptose Broth** Lauryl Sulfate Broth Medium. For the detection of coliform organisms in water and wastewater.	BD Difco™	500 g
224120	**Lauryl Tryptose Broth**	BD Difco™	2 kg
211740	**Lauryl Tryptose Broth with MUG** With 4-Methylumbelliferyl-ß-D-glucuronid for fluorogenic testing. Use for the fluorogenic detection of *E. coli* in water, food and milk.	BD Difco™	100 g
211744	**Lauryl Tryptose Broth with MUG**	BD Difco™	500 g

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Cat. No.	Description	Brand	Quantity
240110	**LB Agar (Lennox)** A nutritionally rich media developed by Lennox for the growth and maintenance of pure cultures of recombinant strains of *E. coli.* These strains are generally derived from *E. coli* K12, which are deficient in B vitamin production. This strain of *E. coli* 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	**LB Agar (Miller)** LB (Luria-Bertani) Agar, Miller is used for maintaining and propagating *Escherichia coli* in molecular microbiology procedures. LB Agar, Miller is based on LB Medium as described by Miller for the growth and maintenance of *E. coli* strains used in molecular microbiology procedures. These are nutritionally rich media designed for growth of pure cultures of recombinant strains. *E. coli* 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™	500 g
244510	**LB Agar (Miller)**	BD Difco™	2 kg
240230	**LB Broth (Lennox)** 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™	500 g
240210	**LB Broth (Lennox)**	BD Difco™	2 kg
244620	**LB Broth (Miller)** LB (Luria-Bertani) Broth, Miller is used for maintaining and propagating *Escherichia coli* in molecular microbiology procedures.	BD Difco™	500 g
244610	**LB Broth (Miller)**	BD Difco™	2 kg
211327	**LBS Agar** Lactobacillus Selection Agar is used for the selective isolation and enumeration of lactobacilli.	BD BBL™	500 g
211331	**LBS Broth** Lactobacillus Selection Broth. Use for the isolation and cultivation of lactobacilli species.	BD BBL™	500 g
279410	**Leptospira Medium Base EMJH** Use with Leptospira Enrichment EMJH (Cat. No. 279510) to cultivate and maintain *Leptospira*.	BD Difco™	500 g
268010	**Letheen Agar** Used to inactivate quarternary ammonium compounds and other preservatives when determining the number of bacteria present in cosmetics and other materials.	BD Difco™	500 g
263110	**Letheen Agar, Modified** Used for the microbiological testing of cosmetics.	BD Difco™	500 g
292847	**Letheen Agar, Modified**	BD Difco™	2 kg
268110	**Letheen Broth** Use for determining the phenol coefficient of cationic surface-active materials.	BD Difco™	500 g
263010	**Letheen Broth, Modified** Microbiological evaluation of cosmetics; inactivates preservative agents.	BD Difco™	500 g
211221	**Levine EMB Agar** 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	**Listeria Enrichment Broth** Selective enrichment for *L. monocytogenes* from nondairy and processed food products.	BD Difco™	500 g
222210	**Listeria Enrichment Broth**	BD Difco™	10 kg

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Cat. No.	Description	Brand	Quantity
220530	**Listeria Enrichment Broth, Modified** Used for selectively enriching *Listeria* from raw and pasteurized milk according to the International Dairy Federation (IDF).	BD Difco™	500 g
245152	**Listeria Enrichment Broth, Modified**	BD Difco™	2 kg
211343	**Litmus Milk** Litmus Milk is used for the maintenance of lactic acid bacteria and as a differential medium for determining the action of bacteria on milk.	BD BBL™	500 g
213320	**Liver (Desiccated Powder)** Desiccated powder of beef liver. Liver is prepared from large quantities of carefully trimmed fresh beef liver. Liver is a desiccated powder of beef liver. The nutritive factors of fresh liver tissue are retained in infusion prepared from Liver. Liver is used as a source of nitrogen, amino acids and vitamins in microbiological culture media. The reducing substances contained in liver create an anaerobic environment, necessary to support the growth of anaerobes. One hundred thirty-five (135) grams of desiccated Liver are equivalent to 500 grams of fresh liver.	BD Difco™	500 g
252100	**Liver Infusion Agar** Cultivation of *Brucella*, anaerobes, and other pathogens.	BD Difco™	500 g
226920	**Liver Infusion Broth** Use for cultivating a variety of organisms, particularly *Brucella* and anaerobes.	BD Difco™	500 g
259100	**Liver Veal Agar** For the cultivation of anaerobic bacteria.	BD Difco™	500 g
244420	**Loewenstein Medium Base** 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	**LPM Agar Base** Used with Listeria Selective Supplement (Cat. No. 212402) for isolating and cultivating *Listeria monocytogenes*.	BD Difco™	500 g
241320	**Luria Agar Base (Miller)** Used for maintaining and propagating *Escherichia coli* in molecular micro biology 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, 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™	500 g
211829	**Luria Agar Base (Miller)**	BD Difco™	2 kg
241420	**Luria Broth Base (Miller)** Luria Broth Base, Miller is used for maintaining and propagating *Escherichia coli* in molecular microbiology procedures with or without added glucose.	BD Difco™	500 g
241410	**Luria Broth Base (Miller)**	BD Difco™	2 kg
211759	**Lysine Decarboxylase Broth** Used for differentiating microorganisms based on lysine decarboxylation.	BD Difco™	500 g
284920	**Lysine Iron Agar** Used for the differentiation of enteric organisms based on their ability to decarboxylate or deaminate lysine and to form hydrogen sulfide.	BD Difco™	500 g
211363	**Lysine Iron Agar**	BD BBL™	500 g
294020	**M Broth** BD Difco™ M Broth is used for cultivating *Salmonella* in foods and feeds by the accelerated enrichment serology (ES) procedure.	BD Difco™	500 g

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Cat. No.	Description	Brand	Quantity
273610	**m Endo Agar LES** LES = Lawrence Experimental Station. Used for the enumeration of coliforms in water by the membrane filter technique.	BD Difco™	100 g
273620	**m Endo Agar LES**	BD Difco™	500 g
274930	**m Endo Broth MF™** Used for enumerating coliform organisms in water by membrane filtration.	BD Difco™	500 g
274610	**m Enterococcus Agar** 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™	100 g
274620	**m Enterococcus Agar**	BD Difco™	500 g
267710	**m FC Agar** Use with Rosolic Acid. For detection and enumeration of fecal coliforms by the membrane filter technique at elevated temperatures.	BD Difco™	100 g
267720	**m FC Agar**	BD Difco™	500 g
288320	**m FC Broth Base** Use with Rosolic Acid. For detection and enumeration of fecal coliforms by the membrane filter technique at elevated temperatures.	BD Difco™	100 g
288330	**m FC Broth Base**	BD Difco™	500 g
275220	**m HPC Agar** Used for enumerating heterotrophic organisms in treated potable water and other water samples with low counts by membrane filtration.	BD Difco™	500 g
275120	**m Plate Count Broth** Used for enumerating microorganisms by membrane filtration.	BD Difco™	500 g
264920	**m Staphylococcus Broth** Used for isolating staphylococci by the membrane filtration technique.	BD Difco™	500 g
233410	**mTec Agar** mTec Agar is used for isolating, differentiating and rapidly enumerating thermotolerant *Escherichia coli* from water by membrane filtration and an in situ urease test.	BD Difco™	100 g
275020	**m TGE Broth** m TGE Broth, also known as membrane Tryptone Glucose Extract Broth, is used for enumerating microorganisms by membrane filtration.	BD Difco™	500 g
218571	**M17 Agar** Use for the cultivation and isolation of mesophilic lactic streptococci and for the selection of *Streptococcus thermophilus* from yogurt, cheese starters, and other dairy products.	BD Difco™	500 g
218561	**M17 Broth** Used for isolating lactic streptococci from yogurt, cheese starters and other dairy products.	BD Difco™	500 g
248510	**M9 Minimal Salts (5×)** Used in preparing M9 Minimal Medium which is used for cultivating recombinant strains of *Escherichia coli*. 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 *E. coli*. 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	**MacConkey Agar** For differential isolation of enteric bacilli based on lactose fermentation.	BD Difco™	500 g
212122	**MacConkey Agar**	BD Difco™	2 kg

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Cat. No.	Description	Brand	Quantity
275300	**MacConkey Agar**	BD Difco™	10 kg
211387	**MacConkey Agar**	BD BBL™	500 g
211390	**MacConkey Agar**	BD BBL™	2.3 kg
211391	**MacConkey Agar**	BD BBL™	11.3 kg
281810	**MacConkey Agar Base** Prepared without carbohydrates for coliform fermentation studies.	BD Difco™	500 g
247010	**MacConkey Agar without Crystal Violet** Less selective than MacConkey Agar, to permit growth of staphylococci and enterococci.	BD Difco™	500 g
211393	**MacConkey Agar without Crystal Violet**	BD BBL™	500 g
294584	**MacConkey Agar without Crystal Violet or Salt** For the isolation and differentiation of enteric organisms.	BD BBL™	500 g
233120	**MacConkey Agar without Salt** Restricts the swarming of most *Proteus* sp., facilitating gram-negative bacilli isolation.	BD Difco™	500 g
233110	**MacConkey Agar without Salt**	BD Difco™	10 kg
220100	**MacConkey Broth** Selective medium for detection of gram-negative, lactose fermenting coliforms in water and foods.	BD Difco™	500 g
212306	**MacConkey II Agar** Isolation of gram-negative enteric bacilli from specimens that may contain swarming strains of *Proteus*.	BD BBL™	500 g
279100	**MacConkey Sorbitol Agar** Isolation and differentiation of enteropathogenic *E. coli* serotypes.	BD Difco™	500 g
239520	**Malonate Broth** Differentiation of *Enterobacter* from *Escherichia* on the basis of malonate utilization.	BD Difco™	500 g
211399	**Malonate Broth, Ewing Modified** Use for the differentiation of coliforms and other enteric organisms.	BD BBL™	500 g
224200	**Malt Agar** Use for isolating and cultivating yeasts and molds from food, and for cultivating yeast and mold stock cultures.	BD Difco™	500 g
224100	**Malt Agar**	BD Difco™	10 kg
211401	**Malt Agar**	BD BBL™	500 g
211220	**Malt Extract Agar** Isolation, detection and enumeration of yeasts and molds.	BD Difco™	500 g
211320	**Malt Extract Broth** Used for cultivating yeasts and molds.	BD Difco™	500 g
216830	**Maltose** 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
211407	**Mannitol Salt Agar** Used for the selective isolation and enumeration of staphylococci from clinical and non-clinical materials.	BD BBL™	500 g
293689	**Mannitol Salt Agar**	BD BBL™	11.3 kg
212185	**Marine Agar 2216** Isolation, cultivation and enumeration of heterotrophic marine bacteria.	BD Difco™	500 g
279110	**Marine Broth 2216** For the cultivation of heterotrophic marine bacteria.	BD Difco™	500 g

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1.1. Dehydrated Culture Media and Ingredients

Cat. No.	Description	Brand	Quantity
214907	**Marine Broth 2216**	BD Difco™	10 kg
218971	**Maximum Recovery Diluent** Isotonic diluent containing a low level of peptone used for maintaining the viability of organisms during dilution procedures.	BD Difco™	500 g
294110	**McClung Toabe Agar Base** Use with Egg Yolk Enrichment 50% (Cat. Nos. 233472 and 233471) for the detection and isolation of *Clostridium perfringens* from foods based on the lecithinase reaction.	BD Difco™	500 g
214881	**m EI Agar** 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-ß-D-Glucoside Agar (m EI)".	BD Difco™	500 g
217310	**Melibiose** Melibiose (+), monohydrate, neither D nor L.	BD Difco™	10 g
211287	**M-Green Yeast and Mold Broth** Used for the detection of fungi in the routine analysis of beverages.	BD BBL™	500 g
214882	**MI Agar** MI Agar is a chromogenic/fluorogenic medium used to detect and enumerate *Escherichia coli* 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 E. coli in Water by Membrane Filtration Using a Simultaneous Detection Technique (MI Medium)".	BD Difco™	100 g
214883	**MI Agar**	BD Difco™	400 g
231920	**Micro Assay Culture Agar** For the cultivation of lactobacilli and other organisms used in the microbiological analysis of vitamins and amino acids.	BD Difco™	500 g
211813	**Micro Inoculum Broth** Used for preparing the inoculum of lactobacilli and other microorganisms used in microbiological assays of vitamins and amino acids.	BD Difco™	500 g
255320	**Microbial Content Test Agar** Microbial Content Test Agar = Tryptic Soy Agar with Polysorbate 80, is recommended for the detection and enumeration of microorganisms present on surfaces of sanitary importance.	BD Difco™	500 g
255310	**Microbial Content Test Agar**	BD Difco™	2 kg
271310	**Middlebrook 7H9 Broth** For cultivation of mycobacteria and preparation of tubercle emulsion for susceptibility testing. Middlebrook ADC Enrichment (Cat. Nos. 211887 or 212352) and Glycerol or Tween 80 must be added to the broth before use.	BD Difco™	500 g
262710	**Middlebrook 7H10 Agar** Used for the isolation, cultivation and susceptibility testing of mycobacteria. Middlebrook OADC Enrichment (Cat. Nos. 211886 or 212240 or 212351) and Glycerol must be added; the complete Prepared Plated Medium (with OADC) is available under Cat. No. 254520, Middlebrook and Cohn 7H10 Agar.	BD Difco™	500 g
212203	**Middlebrook 7H11 Agar Base** Used in qualitative procedures for isolation and cultivation of mycobacteria, especially *Mycobacterium tuberculosis*, 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	**MIL Medium** Used for differentiating *Enterobacteriaceae* based on motility, lysine decarboxylation, lysine deamination and indole production.	BD Difco™	500 g

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Cat. No.	Description	Brand	Quantity
218591	**Milk Agar** Recommended by the British Standards Institute and the International Dairy Federation for the enumeration of microorganisms in liquid milk, ice cream, dried milk and whey.	BD Difco™	500 g
218501	**Minerals Modified Glutamate Broth** Defined glutamate medium for the enumeration of coliform organisms in water.	BD Difco™	500 g
254410	**Minimal Agar Davis** Used for isolating and characterizing nutritional mutants of *Escherichia coli*.	BD Difco™	500 g
275610	**Minimal Broth Davis without Dextrose** Use with added dextrose to isolate and characterize nutritional mutants of *Escherichia coli* and *Bacillus subtilis*.	BD Difco™	500 g
273520	**MIO Medium** Motility Indole Ornithine (MIO) Medium is used to demonstrate motility, indole production and ornthine decarboxylase activity for the differentiation of *Enterobacteriaceae*.	BD Difco™	500 g
229810	**Mitis Salivarius Agar** Mitis Salivarius Agar is used with BD BBL™ Tellurite Solution 1% (Cat. No. 211917) in isolating *Streptococcus mitis, S. salivarius* and enterococci, particularly from grossly contaminated specimens.	BD Difco™	500 g
286910	**Motility GI Medium** Semisolid gelatin heart infusion medium for detecting motility of microorganisms and for separating organisms in their motile phase.	BD Difco™	500 g
211436	**Motility Test Medium** For the determination of motility of gram-negative enteric bacilli.	BD BBL™	500 g
298153	**M-PA-C Agar** For the selective recovery and enumeration of *Pseudomonas aeruginosa* from water.	BD BBL™	500 g
211383	**MR-VP Broth** 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	**MR-VP Medium** Methyl Red Voges-Proskauer Medium. Use for differentiating coliform organisms based on the methyl red and Voges-Proskauer tests.	BD Difco™	500 g
275730	**Mueller Hinton Broth** Mueller Hinton Broth (Not cation-adjusted). A general purpose medium that may be used in the cultivation of a wide variety of fastidious and nonfastidious microorganisms. This medium is not supplemented with calcium or magnesium ions.	BD Difco™	500 g
275710	**Mueller Hinton Broth**	BD Difco™	2 kg
210302	**Mueller Hinton Broth**	BD Difco™	5 kg
211443	**Mueller Hinton Broth**	BD BBL™	500 g
211438	**Mueller Hinton II Agar** Recommended for antimicrobial disc diffusion susceptibility testing of common, rapidly growing bacteria by the Kirby-Bauer method. Cat. No. 298034 comes in a BD LiterPak™ (20 x 1 l).	BD BBL™	500 g
211441	**Mueller Hinton II Agar**	BD BBL™	2.3 kg
212257	**Mueller Hinton II Agar**	BD BBL™	10.3 kg
212322	**Mueller Hinton II Broth** 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

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Cat. No.	Description	Brand	Quantity
225250	**Mueller Hinton Medium** Mueller Hinton Agar is recommended for antimicrobial disc diffusion susceptibility testing common, rapidly growing bacteria by the Bauer-Kirby method,1-3 as standardized by the National Committee for Clinical Laboratory Standards (NCCLS, now CLSI) and EUCAST.	BD Difco™	500 g
225220	**Mueller Hinton Medium**	BD Difco™	2 kg
225230	**Mueller Hinton Medium**	BD Difco™	10 kg
283810	**Mycobacteria 7H11 Agar** Used in qualitative procedures for isolation and cultivation of mycobacteria, especially *Mycobacterium tuberculosis*, 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	**Mycological Agar** 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	**Mycoplasma Agar Base (PPLO Agar)** 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 *Mycoplasma*.	BD BBL™	500 g
211445	**Mycophil™ Agar** BD Mycophil™ Agar is a nonselective 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	**Mycophil™ Agar with Low pH** BD Mycophil™ Agar with Low pH has had its base adjusted to approximately pH 4.7, which obviates the need for pH adjustment with lactic or tartaric acids in the laboratory. It also differs from BD Mycophil™ Agar in that an additional 2 g/l of agar has been incorporated so that the medium may be sterilized and remelted without losing its ability to solidify.	BD BBL™	500 g
212346	**Mycoplasma Broth Base (Frey)** Used for the cultivation of avian mycoplasmas. Use with Mycoplasma Supplement (Cat. No. 283610) or Mycoplasma Enrichment without Penicillin (Cat. No. 212292) for isolating and cultivating *Mycoplasma*.	BD BBL™	500 g
211458	**Mycoplasma Broth Base (PPLO Broth Base)** Also known as PPLO (Pleuropneumonia-like organism) Broth Base. Basal medium that contains no Crystal Violet and is used in the preparation of media for cultivation of *Mycoplasma*. Use with Mycoplasma Supplement (Cat. No. 283610) or Mycoplasma Enrichment without Penicillin (Cat. No. 212292) for isolating and cultivating *Mycoplasma*.	BD BBL™	500 g
211462	**Mycosel™ Agar** A highly selective medium containing cycloheximide and chloramphenicol. It is recommended for the isolation of pathogenic fungi from materials having a large amount of flora of other fungi and bacteria.	BD BBL™	500 g
281010	**MYP Agar** MYP Agar is used with Egg Yolk Enrichment 50% (Cat. Nos. 233471 and 233472) and Antimicrobic Vial P (Cat. No. 232681) for enumerating *Bacillus cereus* from foods.	BD Difco™	500 g
232210	**Niacin Assay Medium** Microbiological assay of niacin. Use to determine niacine concentration by the microbiological assay technique.	BD Difco™	100 g
225710	**NIH Thioglycollate Broth (USP Alternative Thioglycollate Medium) NIH Thioglycollate** Broth and Sterility Test Broth, which are the USP Alternative Thioglycollate Medium, are Fluid Thioglycollate Medium without the agar or indicator components. They are used for the same sterility test procedures except that anaerobic incubation is recommended rather than aerobic incubation. They also meet the requirements of the USP growth promotion test.	BD Difco™	500 g

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Cat. No.	Description	Brand	Quantity
236210	**Neutralizing Buffer** 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	**Nitrate Broth** 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	**Nutrient Agar** General purpose medium for the cultivation and enumeration of a wide variety of micro-organisms in water, sewage, feces and other materials.	BD Difco™	100 g
213000	**Nutrient Agar**	BD Difco™	500 g
211665	**Nutrient Agar**	BD Difco™	2 kg
269100	**Nutrient Agar (1.5%)** Use to cultivate a variety of microorganisms. Can be used with the addition of blood or other enrichment for the cultivation of fastidious microorganisms.	BD Difco™	500 g
263410	**Nutrient Agar (pH 6.0)** General purpose medium for cultivation of microorganisms requiring a slightly acidic pH.	BD Difco™	500 g
223100	**Nutrient Agar with MUG** Fluorogenic assay for the detection and enumeration of *E. coli* in water.	BD Difco™	100 g
223200	**Nutrient Agar with MUG**	BD Difco™	500 g
233000	**Nutrient Broth** Use for the cultivation of many species of nonfastidious microorganisms.	BD Difco™	100 g
234000	**Nutrient Broth**	BD Difco™	500 g
231000	**Nutrient Broth**	BD Difco™	2 kg
232000	**Nutrient Broth**	BD Difco™	10 kg
211100	**Nutrient Gelatin** Used for the detection of gelatin liquefaction by microbial species.	BD Difco™	500 g
240410	**NZCYM Broth** For cultivation of molecular genetic strains of *E. coli* for replication of recombinant λ bacteriophage.	BD Difco™	500 g
241510	**NZYM Broth** Similar to NZCYM without Casamino Acids.	BD Difco™	500 g
255210	**Oatmeal Agar** Use for cultivating fungi, particularly for macrospore formation.	BD Difco™	500 g
268820	**OF Basal Medium** OF (Oxidation Fermentation) media are used for the determination of oxidative and fermentative metabolism of carbohydrates by gram-negative rods on the basis of acid reaction in either the open or closed system.	BD Difco™	500 g
218111	**OGYE Agar Base** Oxytetracycline Glucose Yeast Extract Agar Base.	BD Difco™	500 g
211486	**Orange Serum Agar** Cultivation of aciduric microorganisms, particularly those associated with spoilage of citrus products.	BD BBL™	500 g
222530	**Oxford Medium Base** Oxford Medium Base is used with Modified Oxford Antimicrobic Supplement (Cat. No. 211763) for isolating and differentiating *Listeria monocytogenes*.	BD Difco™	500 g

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Cat. No.	Description	Brand	Quantity
212820	**Oxgall** Oxgall is dehydrated bile used for preparing microbiological culture media, especially for selective media used to differentiate groups of bile-tolerant bacteria. Oxgall is used as a selective agent for the isolation of gram-negative microorganisms, inhibiting gram-positive bacteria. The major components of Oxgall are taurocholic and glycocholic acids.	BD Difco™	500 g
263620	**PALCAM Medium Base** PALCAM Medium Base is used with PALCAM Antimicrobic Supplement (Cat. No. 263710) in isolating and cultivating Listeria, particularly from foods and milk products.	BD Difco™	500 g
260410	**Pantothenate Assay Medium** 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	**Pantothenate Medium AOAC** Microbiological assay of pantothenate. Use for determining the concentration of pantothenic acid and pantothenate by the microbiological assay technique.	BD Difco™	100 g
289100	**Peptone Iron Agar** Use as an indicator of hydrogen sulfide production by microorganisms.	BD Difco™	500 g
218071	**Peptone Water** Minimal medium for cultivation of nonfastidious organisms, for studying carbohydrate fermentation patterns, and for performing the indole test.	BD Difco™	500 g
211502	**Phenol Red Agar Base** Use with added carbohydrates in differentiating pure cultures of microorganisms based on fermentation reactions.	BD BBL™	500 g
211506	**Phenol Red Broth Base** Use with added carbohydrates for the accurate determination of fermentation reactions in the differentiation of microorganisms.	BD BBL™	500 g
211514	**Phenol Red Dextrose Broth** Determination of the ability of microorganisms to ferment dextrose.	BD BBL™	500 g
211519	**Phenol Red Lactose Broth** Determination of the ability of microorganisms to ferment lactose.	BD BBL™	500 g
210310	**Phenol Red Mannitol Agar** Used for differentiating pure cultures of bacteria based on mannitol fermentation reactions.	BD Difco™	500 g
211527	**Phenol Red Mannitol Broth** Used to measure the ability of an organism to ferment mannitol.	BD BBL™	500 g
211533	**Phenol Red Sucrose Broth** Used for determining the ability of microorganisms to ferment sucrose.	BD BBL™	500 g
274520	**Phenylalanine Agar** Used for the differentiation of enteric bacilli on the basis of their ability to produce phenylpyruvic acid by oxidative deamination.	BD Difco™	500 g
211537	**Phenylalanine Agar**	BD BBL™	500 g
211539	**Phenylethyl Alcohol Agar** Selective medium for the isolation of gram-positive organisms, particularly gram-positive cocci, from specimens of mixed gram-positive and gram-negative flora.	BD BBL™	500 g
211546	**Phytone™ Yeast Extract Agar** Use for the selective isolation of dermatophytes, particularly *Trichophyton verrucosum* and other pathogenic fungi from routine clinical specimens.	BD BBL™	500 g
247930	**Plate Count Agar** Used for obtaining microbial plate counts from milk and dairy products, foods, water and other materials of sanitary importance.	BD Difco™	100 g
247940	**Plate Count Agar**	BD Difco™	500 g

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Cat. No.	Description	Brand	Quantity
247910	**Plate Count Agar**	BD Difco™	2 kg
213300	**Potato Dextrose Agar** Use for culturing yeasts and molds from food and dairy products.	BD Difco™	100 g
213400	**Potato Dextrose Agar**	BD Difco™	500 g
213200	**Potato Dextrose Agar**	BD Difco™	2 kg
254920	**Potato Dextrose Broth** For the cultivation of yeasts and molds.	BD Difco™	500 g
251100	**Potato Infusion Agar** Use to cultivate *Brucella*, especially in mass cultivation procedures.	BD Difco™	500 g
241210	**PPLO Agar (Mycoplasma Agar)** 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 *Mycoplasma*.	BD Difco™	500 g
255420	**PPLO Broth (Mycoplasma Broth)** When supplemented with nutritive enrichments, used for isolating and cultivating Mycoplasma.	BD Difco™	500 g
292737	**PPLO Base without Crystal Violet (CV)** Is recommended as a basal broth medium for the enrichment of pleuro-pneumonia-like-organismisms (PPLO).	BD Difco™	10KG
219200	**Presence-Absence Broth** One step method for presumptive identification of coliforms in treated water from water treatment plants or distribution systems.	BD Difco™	500 g
265100	**Proteose No. 3 Agar** Use with added enrichment for the isolation and cultivation of *Neisseria* and *Haemophilus*. 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 *Neisseria* and *Haemophilus* 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	**Pseudomonas Agar F** Pseudomonas Agar F, also known as Flo Agar, is used for the enhancement of fluorescin production by *Pseudomonas*.	BD Difco™	500 g
244910	**Pseudomonas Agar P** Pseudomonas Agar P, also known as Tech Agar, is used for the enhancement of pyocyanin production by *Pseudomonas*.	BD Difco™	500 g
292710	**Pseudomonas Isolation Agar** Use with added Glycerol in isolating *Pseudomonas* and in differentiating *Pseudomonas aeruginosa* from other pseudomonads based on pigment formation.	BD Difco™	500 g
222810	**Purple Agar Base** Use with added carbohydrate in differentiating pure cultures of bacteria, particularly of enteric organisms, based on fermentation reactions.	BD Difco™	500 g
211558	**Purple Broth Base** Use with added carbohydrate in differentiating pure cultures of bacteria, particularly of enteric organisms, based on fermentation reactions.	BD BBL™	500 g
295110	**Pyridoxine Y Medium** Used for determining pyridoxine concentration by the microbiological assay technique.	BD Difco™	100 g
218262	**R2A Agar** Used for enumerating heterotrophic organisms in treated potable water.	BD Difco™	100 g
218263	**R2A Agar**	BD Difco™	500 g
218261	**R2A Agar**	BD Difco™	2 kg

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Cat. No.	Description	Brand	Quantity
217410	**Raffinose** D-Raffinose, pentahydrate.	BD Difco™	100 g
218671	**Raka-Ray No. 3 Medium** Recommended for the isolation of lactic acid bacteria encountered in the beer-brewing process.	BD Difco™	500 g
218681	**Rappaport-Vassiliadis Medium, Modified (Semisolid)** Use with Novobiocin Antimicrobic Supplement (Cat. No. 231971) for the rapid detection of motile *Salmonella* in feces and food products.	BD Difco™	500 g
214943	**Rappaport-Vassiliadis Salmonella (RSV) Soy Broth** Used for selectively enriching Salmonella in food and in environmental samples. Meets USP, EP and JP performance specifications, where applicable.	BD Difco™	500 g
218581	**Rappaport-Vassiliadis R10 Broth** Selective enrichment of *Salmonella* from meat and dairy products, feces and sewage polluted water and other materials.	BD Difco™	500 g
298123	**Regan-Lowe Charcoal Agar Base** A selective medium used for isolation of *Bordetella pertussis* from clinical specimens.	BD BBL™	500 g
218081	**Reinforced Clostridial Medium (RCM)** Use for the cultivation and enumeration of anaerobes, particularly clostridia, and other species of bacteria from foods and clinical specimens.	BD Difco™	500 g
217510	**Rhamnose** Carbohydrate	BD Difco™	25 g
217520	**Rhamnose**	BD Difco™	100 g
232510	**Riboflavin Assay Medium** Use for determining riboflavin concentration by the microbiological assay technique.	BD Difco™	100 g
211567	**Rice Extract Agar** Use for the promotion of chlamydospore formation by *Candida albicans* and *C. stellatoidea* as a means of differentiating them from other *Candida* species.	BD BBL™	100 g
248020	**Rogosa SL Agar** Use for the selective cultivation of oral, vaginal and fecal lactobacilli.	BD Difco™	500 g
247810	**Rogosa SL Broth** Use for the selective cultivation of oral, vaginal and fecal lactobacilli.	BD Difco™	500 g
218312	**Rose Bengal Agar Base** Use with Rose Bengal Antimicrobic 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	**Sabouraud Agar, Modified** Used in qualitative procedures for cultivation of dermatophytes and other pathogenic and nonpathogenic fungi from clinical and non-clinical specimens.	BD Difco™	500 g
274710	**Sabouraud Agar, Modified**	BD Difco™	2 kg
279720	**Sabouraud Brain Heart Infusion Agar Base** Use with chloromycetin and blood (optional) in cultivation and isolation of pathogenic fungi.	BD Difco™	500 g
210940	**Sabouraud Dextrose Agar** 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™	100 g
210950	**Sabouraud Dextrose Agar**	BD Difco™	500 g
211661	**Sabouraud Dextrose Agar**	BD Difco™	2 kg
210930	**Sabouraud Dextrose Agar**	BD Difco™	10 kg
211584	**Sabouraud Dextrose Agar**	BD BBL™	500 g
211585	**Sabouraud Dextrose Agar**	BD BBL™	2.3 kg

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Cat. No.	Description	Brand	Quantity
238230	**Sabouraud Dextrose Broth** Used for cultivation of yeasts, molds and aciduric microorganisms.	BD Difco™	500 g
238210	**Sabouraud Dextrose Broth**	BD Difco™	2 kg
211020	**Sabouraud Maltose Agar** 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.	BD Difco™	500 g
242910	**Sabouraud Maltose Broth** 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.	BD Difco™	500 g
264210	**Sabouraud Medium, Fluid** Use for cultivating yeasts, molds and aciduric microorganisms and for detecting yeasts and molds in normally sterile materials.	BD Difco™	500 g
217610	**Saccharose** D-Saccharose, Sucrose.	BD Difco™	500 g
217720	**Salicin**	BD Difco™	100 g
274500	**Salmonella Shigella Agar** SS Agar. Differentially selective medium for the isolation of pathogenic enteric bacilli, especially those belonging to the genus *Salmonella*. Not recommended for the primary isolation of *Shigella*.	BD Difco™	500 g
212118	**Salmonella Shigella Agar**	BD Difco™	2 kg
211597	**Salmonella Shigella Agar**	BD BBL™	500 g
211600	**Salmonella Shigella Agar**	BD BBL™	2.7 kg
271510	**SBG Sulfa Enrichment** Selenite Brilliant Green Sulfa Enrichment is a selective enrichment for the isolation of *Salmonella*. With 0.1% Sulfapyridin. SBG Sulfa Enrichment is used for enriching *Salmonella* prior to isolation procedures. Use with: z BG Sulfa Agar (Cat. No. 271710).	BD Difco™	500 g
212189	**Schaedler Agar** Use with or without blood for the cultivation and enumeration of anaerobic and aerobic microorganisms.	BD BBL™	500 g
212191	**Schaedler Broth** Use for cultivating anaerobic and aerobic microorganisms with or without added blood or enrichment.	BD BBL™	100 g
212485	**Select APS™ -Super Broth Base** BD Select APS™ Super Broth is a molecular genetic medium that will grow *E. coli* 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.	BD Difco™	500 g
227540	**Selenite Broth** Used as an enrichment medium for the isolation of *Salmonella* from feces, urine, water, foods, and other materials of sanitary importance.	BD Difco™	500 g
268740	**Selenite Cystine Broth** Used as a selective enrichment medium for the isolation of *Salmonella* from feces, foods, pharmaceutical articles, water and other materials of sanitary importance. L-cystine is incorporated to improve the recovery of *Salmonella*.	BD Difco™	500 g
231510	**SF Medium** SF (Streptococcus Faecalis) Medium is used for the differentiation of *Enterococcus* species from the *Streptococcus bovis* group and other streptococci.	BD Difco™	500 g

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Cat. No.	Description	Brand	Quantity
281110	**SFP Agar Base** Shahidi Ferguson Perfringens Agar Base. TSC Agar Base. For detection and enumeration of *Clostridium perfringens* in foods use with: - Egg Yolk Enrichment 50% (Cat. Nos. 233471 and 233472) and - Antimicrobic Vial P (Cat. No. 232681) and - Antimicrobic Vial K (Cat. No. 233391)	**BD Difco™**	**500 g**
211578	**SIM Medium** Sulfide Indole Motility Medium. Use for differentiating *Salmonella* and *Shigella* species based on hydrogen sulfide production, indole fermentation and motility.	**BD BBL™**	**500 g**
211620	**Simmons Citrate Agar** Differentiation and identification of gram-negative bacteria based on citrate utilization.	**BD BBL™**	**500 g**
232100	**Skim Milk** 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.	**BD Difco™**	**500 g**
244310	**SOB Medium** For cultivation of molecular genetic strains of *E. coli*.	**BD Difco™**	**500 g**
224820	**Sodium Desoxycholate** 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.	**BD Difco™**	**100 g**
217820	**Soluble Starch** Soluble starch improves growth response. It provides starch for hydrolysis, detoxification of metabolic byproducts and as a carbon source.	**BD Difco™**	**500 g**
217810	**Soluble Starch**	**BD Difco™**	**10 kg**
210810	**Special Yeast and Mold Medium** Used for isolating and cultivating yeasts and molds.	**BD Difco™**	**500 g**
295020	**Spirit Blue Agar** Use with Lipase Reagent (Cat. No. 243110) or other lipid source for the enumeration and detection of lipolytic microorganisms.	**BD Difco™**	**500 g**
284530	**SPS Agar** Sulfite Polymyxin Sulfadiazine Agar is used for the detection and enumeration of *Clostridium perfringens* in foods and other materials.	**BD Difco™**	**500 g**
211638	**Standard Methods Agar** 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.	**BD BBL™**	**500 g**
211643	**Standard Methods Agar with Lecithin and Polysorbate 80** 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.	**BD BBL™**	**500 g**
229730	**Staphylococcus Medium 110** Isolation and differentiation of pathogenic strains of *Staphylococcus* based on mannitol fermentation, pigment formation and gelatinase activity.	**BD Difco™**	**500 g**
272100	**Starch Agar** Use for cultivating microorganisms being tested for starch hydrolysis.	**BD Difco™**	**500 g**
254100	**Stock Culture Agar** Semisolid medium for maintaining stock cultures of bacteria, particularly streptococci.	**BD Difco™**	**500 g**
211672	**Sugar Free Agar** For the detection and enumeration of organisms in butter and other processed dairy products.	**BD BBL™**	**500 g**

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1.1. Dehydrated Culture Media and Ingredients

Cat. No.	Description	Brand	Quantity
297210	**Sulfite Agar** Sulfite Agar is used for detecting thermophilic, H_2S-producing anaerobes, particularly in foods.	BD Difco™	500 g
235220	**Synthetic Broth AOAC** Use to maintain disinfectant test cultures. Contains all the nutrients essential for growth of the test cultures used to determine the phenol coefficients of disinfectants.	BD Difco™	500 g
298410	**TAT Broth Base** TAT (Tryptone-Azolectin-Tween) Broth Base with the addition of polysorbate 20 is recommended for testing for the presence of microorganisms in viscous materials, such as salves or ointments. It is especially adapted to the testing of cosmetics.	BD Difco™	500 g
292848	**TAT Broth Base**	BD Difco™	2 kg
265020	**TCBS Agar** Thiosulfate Citrate Bile Salts Sucrose Agar (TCBS Agar) is used for the selective isolation of cholera vibrios and *Vibrio parahaemolyticus* from a variety of clinical and non-clinical specimens.	BD Difco™	500 g
261710	**Tellurite Glycine Agar** Use with Chapman Tellurite Solution 1% (Cat. No. 211917) for the selective isolation of coagulase positive staphylococci.	BD Difco™	500 g
243820	**Terrific Broth** For cultivation of molecular genetic strains of *E. coli*. Formulation developed to increase plasmid yield.	BD Difco™	500 g
243810	**Terrific Broth**	BD Difco™	2 kg
210430	**Tetrathionate Broth Base** Use with Iodine Solution as a selective enrichment medium for the isolation of *Salmonella* from feces, urine, foods and other materials of sanitary importance.	BD Difco™	500 g
210420	**Tetrathionate Broth Base**	BD Difco™	2 kg
249120	**Tetrathionate Broth Base, Hajna (TT Broth Base, Hajna)** Selective enrichment for *Salmonella* from food and dairy products prior to isolation procedures.	BD Difco™	500 g
218531	**Tetrathionate Broth Base, Muller Kauffmann** Use to enrich *Salmonella* from water, foodstuffs and fecal samples prior to selective isolation.	BD Difco™	500 g
230310	**Thermoacidurans Agar** Isolation and cultivation of *Bacillus coagulans* (*Bacillus thermoacidurans*) from foods.	BD Difco™	500 g
232610	**Thiamine Assay Medium** Used for determining thiamine concentration by the microbiological assay technique using *Lactobacillus fermentum* ATCC 9338.	BD Difco™	100 g
280810	**Thiamine Assay Medium LV** Used for determining thiamine concentration by the microbiological assay technique using *Weissella* (*Lactobacillus*) *viridescens* ATCC 12706.	BD Difco™	100 g
236310	**Thioglycollate Medium without Dextrose** 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	**Thioglycollate Medium without Dextrose or Indicator** 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
243010	**Thioglycollate Medium without Indicator** Detection of a variety of microorganisms in normally sterile materials, especially those containing mercurial preservatives. Suitable for fermentation studies when no oxidation-reduction indicator is required.	BD Difco™	500 g
211720	**Thioglycollate Medium without Indicator, 135C** 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

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Cat. No.	Description	Brand	Quantity
211716	**Thioglycollate Medium, Brewer Modified** Use for the cultivation of obligate anaerobes, microaerophiles and facultative organisms.	BD BBL™	500 g
225640	**Thioglycollate Medium, Fluid** FTM is used to detect microorganisms in normally sterile materials.	BD Difco™	100 g
225650	**Thioglycollate Medium, Fluid**	BD Difco™	500 g
225620	**Thioglycollate Medium, Fluid**	BD Difco™	2 kg
225630	**Thioglycollate Medium, Fluid**	BD Difco™	10 kg
211260	**Thioglycollate Medium, Fluid**	BD BBL™	500 g
211264	**Thioglycollate Medium, Fluid**	BD BBL™	11.3 kg
269710	**Thioglycollate Medium, Fluid with Beef Extract** Use to cultivate microorganisms from normally sterile biological products.	BD Difco™	10 kg
211727	**Thioglycollate Medium, Fluid without Dextrose or Eh Indicator** Use for fermentation studies, especially with anaerobic organisms.	BD BBL™	500 g
243420	**Thiol Broth** Used for cultivating organisms from body fluids and other materials containing penicillin, streptomycin, or sulfonamides.	BD Difco™	500 g
278610	**Tinsdale Agar Base** Tinsdale Agar Base is used with Tinsdale Enrichment Desiccated (Cat. No. 234210) in isolating and differentiating *Corynebacterium diphtheriae*.	BD Difco™	500 g
249240	**Todd Hewitt Broth** General-purpose medium used for the cultivation of group A streptococci, pneumococci and other fastidious organisms or as a blood culture medium. Primarily used for the cultivation of group A streptococci prior to serological typing.	BD Difco™	500 g
249210	**Todd Hewitt Broth**	BD Difco™	2 kg
249220	**Todd Hewitt Broth**	BD Difco™	10 kg
211794	**Tomato Juice Agar** Cultivation and enumeration of *Lactobacillus* species, especially *Lactobacillus acidophilus*.	BD Difco™	500 g
238910	**Tomato Juice Agar (Special)** 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	**Tomato Juice Broth** Used in the cultivation of yeasts and other aciduric microorganisms.	BD Difco™	500 g
251710	**Tomato Juice Broth**	BD Difco™	10 kg
211743	**Transport Medium (Stuart, Toshach and Patsula)** Use for the transportation of swab specimens for the recovery of a wide variety of micro-organisms, including gonococci.	BD BBL™	500 g
218010	**Trehalose** Carbohydrate	BD Difco™	10 g
287710	**Trichophyton Agar 1** Trichophyton Agars are differential media used in the presumptive identification of *Trichophyton* species based on nutritional requirements. Contains Dextrose.	BD Difco™	500 g
287410	**Trichophyton Agar 2** Contains Inositol and Dextrose.	BD Difco™	500 g
296510	**Trichophyton Agar 3** Contains Inositol, Thiamine and Dextrose.	BD Difco™	500 g
219710	**Trichophyton Agar 4** Contains Thiamine and Dextrose.	BD Difco™	500 g

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Cat. No.	Description	Brand	Quantity
252410	**Trichophyton Agar 6** Contains Ammonium Nitrate and Dextrose.	BD Difco™	500 g
295510	**Trichophyton Agar 7** Contains Histidine.	BD Difco™	500 g
211747	**Trichosel™ Broth, Modified** For the isolation and cultivation of *Trichomonas* species.	BD BBL™	500 g
226540	**Triple Sugar Iron Agar** Triple Sugar Iron Agar (TSI Agar) is used for the differentiation of gram-negative enteric bacilli based on carbohydrate fermentation and the production of hydrogen sulfide.	BD Difco™	500 g
236950	**Tryptic Soy Agar** 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™	500 g
236920	**Tryptic Soy Agar**	BD Difco™	2 kg
236930	**Tryptic Soy Agar**	BD Difco™	10 kg
228300	**Tryptic Soy Blood Agar Base EH** Use with blood in isolating and cultivating fastidious microorganisms from specimens where clear and distinct hemolytic reactions are of prime importance.	BD Difco™	500 g
228200	**Tryptic Soy Blood Agar Base EH**	BD Difco™	10 kg
227300	**Tryptic Soy Blood Agar Base No. 2** Used with blood for improved beta-hemolytic reactions and for the cultivation of fastidious microorganisms.	BD Difco™	500 g
227200	**Tryptic Soy Blood Agar Base No. 2**	BD Difco™	10 kg
211824	**Tryptic Soy Broth** 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™	100 g
211825	**Tryptic Soy Broth**	BD Difco™	500 g
211822	**Tryptic Soy Broth**	BD Difco™	2 kg
211823	**Tryptic Soy Broth**	BD Difco™	10 kg
292735	**Tryptic Soy Broth**	BD BBL™	500 g
286220	**Tryptic Soy Broth without Dextrose** 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
286210	**Tryptic Soy Broth without Dextrose**	BD Difco™	10 kg
211043	**Trypticase™ Soy Agar** TSA. EP/USP/JP. Used for the isolation and cultivation of nonfastidious and fastidious microorganisms.	BD BBL™	500 g
211046	**Trypticase™ Soy Agar**	BD BBL™	2.3 kg
211047	**Trypticase™ Soy Agar**	BD BBL™	11.3 kg
211764	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80** Recommended for the detection and enumeration of microorganisms present on surfaces of sanitary importance.	BD BBL™	500 g
212263	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80**	BD BBL™	2.7 kg
212305	**Trypticase™ Soy Agar, Modified (TSA II)** Use with added blood for cultivating fastidious microorganisms and for the visualization of hemolytic reactions produced by many bacterial species.	BD BBL™	500 g

1. DEHYDRATED CULTURE MEDIA AND INGREDIENTS

1.1. Dehydrated Culture Media and Ingredients

Cat. No.	Description	Brand	Quantity
211768	**Trypticase™ Soy Broth (TSB)** 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™	500 g
211771	**Trypticase™ Soy Broth**	BD BBL™	2.27 kg
211772	**Trypticase™ Soy Broth**	BD BBL™	11.3 kg
296264	**Trypticase™ Soy Broth, sterile (TSB)** 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	**Tryptone Glucose Extract Agar** Used for cultivating and enumerating microorganisms in water and dairy products.	BD Difco™	500 g
264410	**Tryptone Water, Difco™** For detecting *Escherichia coli* in food and water samples on the basis of indole production.	BD Difco™	500 g
264300	**Tryptose Agar** Cultivation of *Brucella* and a large variety of pathogenic organisms.	BD Difco™	500 g
264100	**Tryptose Agar**	BD Difco™	2 kg
223220	**Tryptose Blood Agar Base** Infusion free medium used with blood for the isolation and cultivation of fastidious micro-organisms as well as the determination of hemolytic reactions.	BD Difco™	500 g
223210	**Tryptose Blood Agar Base**	BD Difco™	2 kg
262200	**Tryptose Broth** Cultivation of *Brucella* and a variety of pathogenic microorganisms.	BD Difco™	500 g
262100	**Tryptose Broth**	BD Difco™	10 kg
260300	**Tryptose Phosphate Broth** Used for cultivating fastidious microorganisms.	BD Difco™	500 g
260100	**Tryptose Phosphate Broth**	BD Difco™	2 kg
211690	**TSN Agar** TSN (BD Trypticase™ Sulfite Neomycin) Agar is used for the selective isolation of *Clostridium perfringens*.	BD BBL™	500 g
231181	**Tween 80 / Polysorbate 80** Polysorbate 80, USP It is used to prepare 2% Tween 80, which acts as a dispersing agent.	BD Difco™	100 g
285610	**Universal Beer Agar** Universal Beer Agar (UBA Medium) is used for cultivating microorganisms of significance in the brewing industry.	BD Difco™	500 g
223510	**Universal Preenrichment Broth** Used for recovering sublethally injured *Salmonella* and *Listeria* from food products. Traditional methods for recovering *Salmonella* and *Listeria* from food products require separate preen-richment media for each microorganism. Some broth media recommended for preenrichment contain antibiotic inhibitors or have insufficient buffering capacity which hinder recovery of sublethally injured cells.	BD Difco™	500 g
211795	**Urea Agar Base** Used for the differentiation of organisms, especially the *Enterobacteriaceae*, 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	**Urea Broth** Use for differentiating microorganisms, particularly *Proteus* species, based on urease production.	BD Difco™	500 g
222330	**UVM Modified Listeria Enrichment Broth** Use as a selective enrichment for the rapid isolation of *Listeria monocytogenes*.	BD Difco™	500 g
222320	**UVM Modified Listeria Enrichment Broth**	BD Difco™	10 kg

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1.1. Dehydrated Culture Media and Ingredients

Cat. No.	Description	Brand	Quantity
234310	**Veal Infusion Agar** Cultivation of fastidious organisms with or without added enrichment.	BD Difco™	500 g
234420	**Veal Infusion Broth** Cultivation of fastidious organisms.	BD Difco™	500 g
234410	**Veal Infusion Broth**	BD Difco™	10 kg
211695	**Violet Red Bile Agar** Used for enumerating coliform organisms in dairy products.	BD Difco™	500 g
211687	**Violet Red Bile Agar**	BD Difco™	2 kg
229100	**Violet Red Bile Agar with MUG** Selective isolation of coliform bacteria and fluorogenic detection of *Escherichia coli* from food and dairy products.	BD Difco™	500 g
218661	**Violet Red Bile Glucose Agar (VRBG Agar)** Selective medium containing glucose for the detection and enumeration of *Enterobacteriaceae* from food and dairy products.	BD Difco™	500 g
236010	**Vitamin B12 Assay Medium** Microbiological assay of Vitamin B12. Use for determining vitamin B12 concentration by the microbiological assay technique.	BD Difco™	100 g
256220	**VJ Agar** VJ Agar, also known as Vogel and Johnson Agar, is used for the early detection of coagulase-positive, mannitol-fermenting staphylococci. Use with Chapman Tellurite Solution 1% (Cat. No. 211917). Use for isolating coagulase-positive mannitol-fermenting staphylococci from clinical or food specimens.	BD Difco™	500 g
218051	**Wilkins Chalgren Agar** Susceptibility testing of anaerobic bacteria by the agar diffusion method.	BD Difco™	500 g
295067	**Wilkins Chalgren Agar**	BD BBL™	500 g
242510	**WL Differential Medium** 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	**WL Nutrient Broth** Wallerstein Laboratory Nutrient Broth. Cultivation of yeasts, molds and bacteria encountered in brewing and industrial fermentation processes.	BD Difco™	500 g
242420	**WL Nutrient Medium** Wallerstein Laboratory Medium. Cultivation of yeasts, molds and bacteria encountered in brewing and industrial fermentation processes.	BD Difco™	500 g
211671	**Wort Agar** For cultivation and enumeration of yeasts.	BD Difco™	500 g
211836	**XL Agar Base** XL (Xylose Lysine) Agar Base is used for the isolation and differentiation of enteric pathogens and, when supplemented with appropriate additives, as a base for selective enteric media. It was developed by Taylor for the non-selective isolation and differentiation of gram-negative enteric bacilli.	BD BBL™	500 g
278850	**XLD Agar** Xylose Lysine Desoxycholate Agar. Selective differential medium for the isolation of gram-negative enteric bacilli, especially *Shigella* and *Providencia*.	BD Difco™	500 g
278820	**XLD Agar**	BD Difco™	2 kg
278830	**XLD Agar**	BD Difco™	10 kg

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Cat. No.	Description	Brand	Quantity
223420	**XLT4 Agar Base** XLT4 Agar Base is used with XLT4 Agar Supplement (Cat. No. 235310) in isolating non-typhi *Salmonella*. Contains peptone as a source of complex nitrogen compounds.	BD Difco™	500 g
223410	**XLT4 Agar Base**	BD Difco™	10 kg
239110	**Yeast Carbon Base** Wickerham formula. Use for the classification of yeasts based on nitrogen assimilation.	BD Difco™	100 g
219001	**Yeast Extract Glucose Chloramphenicol Agar** 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	**Yeast Morphology Agar** Wickerham formula. Use for the classification of yeasts based on colonial characteristics and cell morphology.	BD Difco™	500 g
239210	**Yeast Nitrogen Base** Wickerham formula. Use for the classification of yeasts based on carbon assimilation.	BD Difco™	100 g
291940	**Yeast Nitrogen Base without Amino Acids** Wickerham formula. Use for the classification of yeasts based on amino acid and carbohydrate requirements.	BD Difco™	100 g
291920	**Yeast Nitrogen Base without Amino Acids**	BD Difco™	2 kg
291930	**Yeast Nitrogen Base without Amino Acids**	BD Difco™	10 kg
233520	**Yeast Nitrogen Base without Amino Acids and Ammonium Sulfate** Wickerham formula. Used for the classification of yeasts based on nitrogen and carbon requirements.	BD Difco™	100 g
233510	**Yeast Nitrogen Base without Amino Acids and Ammonium Sulfate**	BD Difco™	10 kg
218172	**Yersinia Selective Agar Base (CIN Agar Base)** CIN (Cefsulodin-Irgasan-Novobiocin) Agar Base, when supplemented with cefsulodin and novobiocin (Yersinia Antimicrobic Supplement CN, Cat. No. 231961), is a differential and selective medium used in qualitative procedures for the isolation of *Yersinia enterocolitica* from a variety of clinical and non-clinical specimens.	BD Difco™	500 g
271210	**YM Agar** Yeast Mold Agar is used for cultivating yeasts, molds and other aciduric microorganisms.	BD Difco™	500 g
271120	**YM Broth** Yeast Mold Broth is for cultivation of yeasts, molds and other aciduric microorganisms.	BD Difco™	500 g
242720	**YPD Agar** For maintaining and propagating yeasts in molecular microbiology procedures.	BD Difco™	500 g
242820	**YPD Broth** Propagation and maintenance of yeasts for use in molecular biology.	BD Difco™	500 g
242810	**YPD Broth**	BD Difco™	2 kg
244020	**YT Medium 2 x (2 x Yeast Extract Tryptone Medium)**	BD Difco™	500 g

1.1.2 Additives

233331	**Antimicrobic Vial A** Antimicrobic 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

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Cat. No.	Description	Brand	Quantity
233391	**Antimicrobic Vial K** BD Difco™ Antimicrobic Vial K, containing kanamycin, is used to supplement SFP Agar Base containing Egg Yolk Enrichment 50% and BD Difco™ Antimicrobic Vial P for the detection and enumeration of *Clostridium perfringens* 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	**Antimicrobic Vial P** Contains polymyxin B. For enumerating *Bacillus cereus* 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	**Bovine Albumin (5%)** 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	**Bovine Albumin (Fraction V)** 0.2% in 0.85% Saline. Supplied in liquid form for use in specimen digestion procedures for the isolation and detection of *Mycobacterium* 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	**Dubos Medium Albumin** A 5% solution of albumin fraction V from bovine plasma and 7.5% dextrose in normal saline. For the cultivation of *M. tuberculosis* use with: Dubos Broth Base (Cat. No. 238510).	**BD Difco™**	**12 x 20 ml**
237510	**Dubos Oleic Albumin Complex** Dubos Oleic Albumin Complex and penicillin are used to supplement Dubos Oleic Agar Base for the isolation and susceptibility testing of *Mycobacterium tuberculosis*. 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 alkalinized 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**
233471	**Egg Yolk Enrichment (50%)** 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 *Clostridium* 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™**	**12 x 10 ml**
233472	**Egg Yolk Enrichment (50%)**	**BD Difco™**	**6 x 100 ml**
212357	**Egg Yolk Tellurite Enrichment** The enrichment consists of 30% egg yolk suspension with 0.15% potassium tellurite. For the isolation of *S. aureus* use with: Baird-Parker Agar Base (Cat. Nos. 276840 and 276810).	**BD BBL™**	**6 x 100 ml**
277910	**Egg Yolk Tellurite Enrichment**	**BD Difco™**	**6 x 100 ml**
211742	**Fraser Broth Supplement** Contains 0.05 g ferric ammonium citrate. The medium is used in the rapid detection of *Listeria* 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**
233901	**Legionella Agar Enrichment** L-cysteine and ferric pyrophosphate. For the isolation of *Legionella*.	**BD Difco™**	**6 x 5 ml**
279510	**Leptospira Enrichment EMJH** To cultivate and maintain *Leptospira* use with: Leptospira Medium Base EMJH (Cat. No. 279410).	**BD Difco™**	**6 x 100 ml**

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Cat. No.	Description	Brand	Quantity
212402	**Listeria Selective Supplement** For isolation and cultivation of *Listeria monocytogenes* use with: LPM Agar Base (Cat. No. 222120).	BD BBL™	10 x 2 ml
211887	**Middlebrook ADC Enrichment** Contains Albumin, Dextrose, Catalase, and Sodium Chloride. Used to supplement culture media for the isolation and cultivation of *Mycobacteria* for Middlebrook 7H10 Agar, Cat. Nos. 262710 and 212203 and Mycobacteria 7H11 Agar, Cat. No. 283810.	BD BBL™	10 x 20 ml
212352	**Middlebrook ADC Enrichment**	BD BBL™	6 x 100 ml
211886	**Middlebrook OADC Enrichment** Used to supplement culture media for the isolation and cultivation of *Mycobacteria* for Middlebrook 7H10 Agar, Cat. Nos. 262710 and 212203 and Mycobacteria 7H11 Agar, Cat. No. 283810.	BD BBL™	10 x 20 ml
212240	**Middlebrook OADC Enrichment**	BD BBL™	6 x 100 ml
212351	**Middlebrook OADC Enrichment**	BD BBL™	1 x 500 ml
257326	**Modified Letheen Broth 5%**	BD Difco™	10 x 90 ml
257331	**Modified Letheen Broth 5%**	BD Difco™	10 x 100 ml
257327	**Modified Letheen Broth** used for the microbiological testing of cosmetics. The peptone level was increased in the modified Letheen Agar and Broth formulas to provide better growth.	BD Difco™	4 x 500 ml
212292	**Mycoplasma Enrichment without Penicillin** 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
283610	**Mycoplasma Supplement** For the isolation and cultivation of Mycoplasma 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
297065	**Nitrocefin Powder**	BD BBL™	1 x 250 mg
296289	**Nitrocefin Powder**	BD BBL™	1 x 1 kg
231971	**Novobiocin Antimicrobic Supplement** Contains 20 mg of novobiocin per liter of final medium. 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
251810	**Orange Serum Broth Concentrate (10 x)** Used for cultivating aciduric microorganisms, particularly those associated with spoilage of citrus products. Each of the 6 ampules contains 100 ml of 10 x concentrate.	BD Difco™	6 x 100 ml
211763	**Oxford Antimicrobic Supplement, Modified** With moxalactam and colistin sulfate. Use with: Oxford Medium Base (Cat. No. 222530).	BD Difco™	6 x 10 ml
263710	**PALCAM Antimicrobic Supplement** For use with: PALCAM Medium Base (Cat. No. 263620).	BD Difco™	3 x 10 ml
214904	**Rose Bengal Antimicrobic Supplement** 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

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1. DEHYDRATED CULTURE MEDIA AND INGREDIENTS

1.1. Dehydrated Culture Media and Ingredients

Cat. No.	Description	Brand	Quantity
232281	**Rosolic Acid** 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
227610	**Supplement B** Supplement B with Reconstituting Fluid B is used for supplementing media to culture fastidious microorganisms, particularly *Neisseria* gonorrhoeae and *Haemophilus influenzae*. 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
252710	**Supplement C** 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), hematin (X factor), cocarboxylase and other growth factors required for the growth of fastidious organisms.	BD Difco™	6 x 5 ml
233541	**Supplement VX** Sterile concentrate of essential growth factors V and X. For cultivation of fastidious microorganisms like *N. gonorrhoeae* and *H. influenzae*. For use with: Proteose No. 3 Agar (Cat. No. 265100). 233542: Lyophilized – 1 x 100 ml with Reconstituting Fluid. 233542: Lyophilized – 6 × 10 ml with Reconstituting Fluid.	BD Difco™	6 x 10 ml
233542	**Supplement VX**	BD Difco™	1 x 100 ml
234210	**Tinsdale Enrichment** BD Difco™ Tinsdale Enrichment Desiccated is used with BD Difco™ Tinsdale Agar Base (Cat. No. 278610) for primary isolation and differentiation of *Corynebacterium diphtheriae*. The enrichment contains bovine serum and horse serum which provide essential growth factors. L-cystine and sodium thiosulfate provide sulfur for H_2S 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_2S to metallic tellurite. Stabbing the complete Tinsdale Agar with an inoculating needle accentuates darkening of the medium by *C. diphtheriae*. Use with: Tinsdale Agar Base (Cat. No. 278610).	BD Difco™	6 x 15 ml
231121	**TTC Solution (1% , Sterile)** TTC Solution 1% (Triphenyltetrazolium Chloride) is ready for use in the preparation of culture media. For use with KF Streptococcus Agar (Cat. No. 249610). 264310: Bottle 25 g. 231121: prepared Tube 30 ml.	BD Difco™	1 x 30 ml
212269	**V-C-A Inhibitor** Antibiotic mixture of vancomycin, colistin and anisomycin which is incorporated into culture media to permit the isolation of pathogenic *Neisseria* by inhibiting contaminating flora. Lyophilized.	BD BBL™	10 x 10 ml
212404	**VCAT Inhibitor** Antibiotic mixture of vancomycin, colistin, anisomycin, and trimethoprim lactate. Permits the selective isolation of *Neisseria gonorrhoeae* and *N. meningitidis* from culture media.	BD BBL™	10 x 10 ml
212227	**V-C-N Inhibitor** Antibiotic mixture of vancomycin, colistin and nystatin that permits the selective isolation of *Neisseria gonorrhoeae* and *N. meningitidis* from culture media.	BD BBL™	10 x 2 ml
212228	**V-C-N Inhibitor**	BD BBL™	10 x 10 ml
212408	**V-C-N-T Inhibitor** Antibiotic mixture of vancomycin, colistin, nystatin and trimethoprim that improves the recovery of pathogenic *Neisseria* by increasing the selectivity of isolation media.	BD BBL™	10 x 10 ml
212354	**Vitamin K1, Hemin Solution** Vitamin K1, Hemin Solution is used as a culture medium enrichment for anaerobic microorganisms.	BD BBL™	10 x 10 ml
235310	**XLT4 Supplement** Added to inhibit growth of non-*Salmonella* organisms. To be used with: XLT4 Agar Base (Cat. Nos. 223420 and 223410).	BD Difco™	1 x 100 ml

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1.2 Media and Ingredients

Cat. No.	Description	Brand	Quantity
231961	**Yersinia Antimicrobic Supplement CN** BD Difco™ Yersinia Antimicrobic 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 *Yersinia enterocolitica* from clinical and non-clinical sources. Use with: Yersinia Selective Agar Base Cat. No. 218172).	BD Difco™	6 x 10 ml

1.2.1 Other

211866	**Fildes Enrichment** May be used to enrich a variety of media for the cultivation of various microorganisms.	BD BBL™	10 x 5 ml
211874	**Hemoglobin Solution (2%)** Ready for use in the preparation of media for the cultivation of fastidious organisms.	BD BBL™	10 x 100 ml
211875	**IsoVitaleX™ Enrichment** 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 *Neisseria gonorrhoeae* and *Haemophilus influenzae*.	BD BBL™	5 x 2 ml
211876	**IsoVitaleX™ Enrichment**	BD BBL™	5 x 10 ml
211883	**Leptospira Enrichment (Lyophilized)** For use in the enrichment of media for the cultivation of *Leptospira* 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. *Leptospira* enrichment provides the necessary enrichment for these media.	BD BBL™	10 x 10 ml
211897	**Penicillinase** 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
211898	**Penicillinase Concentrate** 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™	10 x 20 ml
211899	**Penicillinase Concentrate**	BD BBL™	1 x 100 ml
211925	**Polysorbate 80** Surface-activating ingredient. Use in Fluorescent Treponemal Antibody (FTA-ABS) diluents, for incorporation into microbiological culture media and other reagents to enhance their productivity and reactivity. Serves as a neutralizer of preservatives, allowing microorganisms to replicate.	BD BBL™	1 x 100 ml
211917	**Tellurite Solution (1%)** For use with: - Mitis Salivarius Agar (Cat. No. 229810) and - Tellurite Glycine Agar (Cat. No. 261710) and - VJ Agar (Cat. No. 256220)	BD BBL™	1 x 20 ml

1.2.2 Meat Peptones and Media

237400	**Brain Heart Infusion** 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™	100 g
237500	**Brain Heart Infusion**	BD Difco™	500 g
237200	**Brain Heart Infusion**	BD Difco™	2 kg
256120	**Brain Heart Infusion, Porcine** Difco™ Brain Heart Infusion, Porcine is used for cultivating a wide variety of microorganisms.	BD Difco™	500 g

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1.3 Chemically Defined Products

Cat. No.	Description	Brand	Quantity
292438	**Select APS™, LB Broth Base** BD Difco™ LB Broth Base (BD Select APS™ -Alternative Protein Source). For the propagation and maintenance of *E. coli* for molecular biology. Non-animal origin formulation.	BD Difco™	500 g
212485	**Select APS™, Super Broth Base** BD Select APS™ Super Broth is a molecular genetic medium that will grow *E. coli* to a high cell density. There is no glucose in the formulation thus preventing acetate build-up in the fermentation of the organism.	BD Difco™	500 g
212486	**Select APS™, Super Broth Base**	BD Difco™	10 kg

1.3 Chemically Defined Products

248510	**M9 Minimal Salts (5×)** Used in preparing M9 Minimal Medium which is used for cultivating recombinant strains of *Escherichia coli*. 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 *E. coli*. 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
239210	**Yeast Nitrogen Base** Wickerham formula. Use for the classification of yeasts based on carbon assimilation.	BD Difco™	100 g
291940	**Yeast Nitrogen Base without Amino Acids** Wickerham formula. Use for the classification of yeasts based on amino acid and carbohydrate requirements.	BD Difco™	100 g
291920	**Yeast Nitrogen Base without Amino Acids**	BD Difco™	2 kg
291930	**Yeast Nitrogen Base without Amino Acids**	BD Difco™	10 kg
233520	**Yeast Nitrogen Base without Amino Acids and Ammonium Sulfate** Wickerham formula. Used for the classification of yeasts based on nitrogen and carbon requirements.	BD Difco™	100 g
233510	**Yeast Nitrogen Base without Amino Acids and Ammonium Sulfate**	BD Difco™	10 kg

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Cat. No.	Description	Brand	Quantity
	1.4 General Media for Media Fill		
214889	**Select APS™, Tryptic Soy Broth** Alternative Protein Source obtained from animal-free components, EP/USP/JP.	BD Difco™	500 g
214887	**Select APS™, Tryptic Soy Broth**	BD Difco™	10 kg
214886	**Select APS™, Tryptic Soy Broth** Alternative Protein Source obtained from animal-free components. Gamma-Irradiated (25-45 kgy). EP/USP/JP.	BD Difco™	10 kg
211825	**Tryptic Soy Broth** 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™	500 g
211822	**Tryptic Soy Broth**	BD Difco™	2 kg
211823	**Tryptic Soy Broth**	BD Difco™	10 kg
211768	**Trypticase™ Soy Broth** 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™	500 g
211771	**Trypticase™ Soy Broth**	BD BBL™	2.3 kg
211772	**Trypticase™ Soy Broth**	BD BBL™	11.3 kg

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2. Prepared Media

2.1 Aseptic Plated Media

2.1.1 90 mm Style Plates

2.1.2 Biplates

2.1.3 Special format

2.1.4 Quad Plate

2.1.5 Hycheck™ Hygiene Contact Slides

2.1.6 Aseptic Contact Plates

2.1.7 Accessories

2.2 Sterile Plated Media & Swabs

2.2.1 Aseptic Trypticase™ Soy Agar and Sabouraud Dextrose Agar Plates

2.2.2 Sterile Pack Plated Media

2.2.3 Isolator Pack Plated Media

2.2.4 Isolator Pack XT Plated Media

2.2.5 Sterile Pack Swab

2.3 Bottled Media for Industrial Microbiology Applications

2.3.1 Agar in Bottles

2.3.2 Rinsing Fluids

2.3.3 Broth in Bottles

2.3.3.1 Sterility Test Broth

2.3.3.2 Other

2.4 Prepared Tubed Media

2.4.1 Saline Solution

2.4.2 Sterility Test

2.4.3 Other Tubed Media

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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 trouble-shooting. 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.

Enhancements to current products in our offering have been and continue to be a mainstay of our operation. Over the years enhancements have provided a wide range of proprietary formulations to assist our customers in more effectively isolating and differentiating pathogenic from non-pathogenic micro organisms. Chromogenic media formulations are among the latest enhancements being developed and released. Formulations such as CHROMagar® Candida and CHROMagar® Orientation media are available and listed in this catalog.

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. Strains are tested periodically to assess the current picture.
- 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), when applicable.[1,2]

BD offers a wide variety of Prepared Plated, Bottled and Tubed Media which meets or exceeds ISO 9000 standards.

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.

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.

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BD Sterile Pack Media Products

BBL™ Sterile Pack Plated Media

- **For critical environments**
- **Validated to 10^{-5} SAL**

Plated media in gamma-irradiated packs are validated to performance and sterility according to the Association for the Advancement of Medical Instrumentation (AAMI) guidelines. Outer Tyvek/ polyethylene wrapping minimizes the risk of false contamination, provides fiber-free bacterial barrier and allows for gas exchange. Available in many formulations and plate types including RODAC™ (Replicate Organism Detection and Counting) for personnel and surface sampling, Settling for active and passive air sampling, Finger Dab™ for sampling of gloved hands, and Contact. Storage temperature: 2 to 8°C.

BBL™ Sterile Pack Plated Media products feature unique packaging that minimizes the risk of false contamination.

BBL™ Isolator Pack Plated Media

- **Specially designed for isolator systems**

Plated media in gamma-irradiated packs for isolator systems–multi-wrap packaging protects media from vaporized hydrogen peroxide exposure. Validated for performance and sterility according to the Association for the Advancement of Medical Instrumentation (AAMI) guidelines. To use, place wrapped package of plates in the isolator before running the vaporized hydrogen peroxide (VHP) decontamination cycle. When the isolator aeration cycle has finished, remove the two outermost wrappings, then the sterile inner wrapping. Use the included inner bag to transport plates from your critical environment.

Media include D/E Neutralizing Agar, Sabouraud Dextrose Agar with Lecithin and Polysorbate 80 and Trypticase Soy Agar with or without Lecithin and Polysorbate 80. Available plate types including RODAC™ (Replicate Organism Detection and Counting) for personnel and surface sampling and Finger Dab™ for sampling of gloved hands. Storage temperature: 2 to 8°C.

Plated media in gamma-irradiated packs for isolator systems–multi-wrap packaging protects media from vaporized hydrogen peroxide exposure.

BBL™ Isolator Pack XT Plated Media

- **Designed to meet the needs of the pharmaceutical microbiologist for monitoring cleanrooms and isolators**

Isolator Pack XT products offer a shelf life of about 6 months, storage temperature from 2 - 25 °C and a Sterility Assurance Level (SAL) of 10^{-5}. All 3 bag layers are VHP resistant and hanging holes are included in all bags. Full validation packages for SAL, VHP resistance, shelf life, gamma-Irradiation and H_2O_2 neutralization 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™ Isolator Pack XT — with eXTended shelf life and storage temperature.

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BBL™ Prepared Media

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 Dacon™ swab has a one year shelf-life at room temperature storage.

BD Sterile Pack Swabs for Environmental Monitoring.

Prepared Slide Media

BD Hycheck™ Hygiene Contact Paddles

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.

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

Prepared Bottled Media

BD bottles are validated at a sterility assurance level (SAL) of 10^{-6}. 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.

BD Standard Sterility Testing Bottles

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

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Prepared Bottled Media

BD ETO Gassed Multipacked Sterility Testing Bottles

BD ETO 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.

EtO gassed multipacked sterility testing bottles in polypropylne box.

BD Sterile Pack Double-Wrapped Sterility Testing 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.

Fluid Thioglycollate Medium, Sterile Pack Double-Wrap, and Tryptic Soy Broth, Sterile Pack Double-Wrap

Types

BD Prepared Bottled Media are offered in a wide variety of bottle styles and fill volumes designed to meet customers' requirements. Detailed information on available bottle types, fill volumes and closure types, can be found in our dedicated "BD Prepared Bottled Media" brochure. (Excerpt shown below)

Infusion bottle

Syrup bottle

Wide mouth jar

Screw cap

Septum

Twist-off cap

Phenolic cap

Screw cap with hole

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BBL™ Prepared Tubed Media

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.

BD offers a wide variety of BBL™ Prepared Tubed Media for the isolation and identification of micro-organisms.

tube type	height in mm	diameter in mm
K	102	16.5
A	148	20
C	112	20
D	128	16.5

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2. PREPARED MEDIA

2.1 Aseptic Plated Media

Cat. No.	Description	Packaging

2.1.1 90 mm Plates

254443	**Aeromonas Yersinia Agar** Aeromonas Yersinia Agar is a selective differential medium for the isolation of both *Yersinia enterocolitica* and *Aeromonas* spp. from a variety of clinical and non-clinical specimens. Aeromonas Yersinia Agar is a modification of CIN Agar that supports growth of *Aeromonas* species due to a reduced cefsulodin concentration and also supports growth of *Yersinia enterocolitica*.	**20**
254480	**Bacteroides Bile Esculin Agar with Amikacin** Selective medium for the isolation and presumptive identification of the *Bacteroides fragilis* group.	**20**
255084	**Baird Parker Agar** Baird Parker Agar is a moderately selective and differential medium for the isolation and enumeration of *Staphylococcus aureus* in foods, environmental, and clinical specimens.	**20**
297725	**Baird Parker Agar**	**100**
254546	**Bifidobacterium Agar Beerens, modified** This agar is a partially selective medium for the isolation of bifidobacteria from human stool specimens.	**20**
297876	**Bordet Gengou Blood Agar** Bordet Gengou Agar Base, with the addition of glycerol and sterile blood, is used in qualitative procedures for the detection and isolation of *Bordetella pertussis* from clinical specimens.	**10**
254400	**Bordet Gengou Agar with 15% Sheep Blood** Bordet Gengou Agar with 15% Sheep Blood is a selective medium for the isolation of *Bordetella pertussis* and *B. parapertussis*.	**20**
256054	**Bordetella Agar with charcoal and 7% Horse Blood** Bordetella Agar with Charcoal and 7% Horse Blood is a selective medium for the isolation of *Bordetella pertussis* and *B. parapertussis*.	**20**
255003	**Brain Heart Infusion (BHI) Agar** 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.	**20**
254490	**Brilliant Green Agar Modified** Brilliant Green Agar Modified is used for isolating *Salmonella* from water, sewage and food-stuffs.	**20**
212097	**Brilliant Green Agar** Brilliant Green Agar is a highly selective medium for the isolation of *Salmonella* other than *S. Typhi* 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.	**20**
256501	**Bromocresol Purple Lactose Agar** Bromcresol 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 *Proteus* species due to its lack of electrolytes.	**20**
255027	**Brucella Blood Agar with 5% Horse Blood** A non-selective medium with is used for the isolation and growth of both fastidious and nonfastidious bacteria species, including *Brucella*.	**20**
255509	**Brucella Blood Agar with Hemin and Vitamin K1** Brucella Agar with Hemin and Vitamin K1 is an enriched, nonselective medium for the isolation and cultivation of a wide variety of obligately anaerobic microorganisms.	**20**
299471	**Campy Blood Free Agar**	**100**
299614	**Campy CSM Agar** 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 *Campylobacter* 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**
215221	**Campy Cefex Agar** Campylobacter Agar Base, when supplemented with blood or other additives and antimicrobial agents, is used for the primary isolation and cultivation of *Campylobacter jejuni* subsp. *jejuni* from human fecal specimens. Several prepared selective media formulations are provided for the same purpose.	**20**

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2. PREPARED MEDIA

2.1 Aseptic Plated Media

Cat. No.	Description	Packaging
292487	**Campy Cefex Agar**	100
254001	**Campylobacter Agar with 5 Antimicrobics and 10% Sheep Blood** Campylobacter Agar with 5 Antimicrobics and 10% Sheep Blood (Campy-BAP) is a selective medium for the primary isolation of *Campylobacter jejuni* and other cephalothin resistant *Campylobacter* species from stool specimens.	20
254069	**Campylobacter Agar with 5 Antimicrobics and 10% Sheep Blood**	120
254403	**Campylobacter Agar with Cefoperazone without Blood** Campylobacter Selective Medium, Bloodfree is a selective medium for the isolation of *Campylobacter* species from intestinal and other specimens.	20
254095	**Campylobacter Agar with Cefoperazone without Blood**	120
256058	**Campylobacter Agar (Butzler) with 7% Horse Blood** Campylobacter Agar (Butzler) with 7% Horse Blood is a selective medium for the isolation of *Campylobacter* species from clinical and other specimens.	20
254464	**Campylobacter Agar (Skirrow) with 7% Horse Blood** Campylobacter Agar (Skirrow) with 7% Horse Blood is a selective medium for the isolation of *Campylobacter* species from clinical and other specimens.	20
256506	**CDC Anaerobe Blood Agar** CDC Anaerobe 5% Sheep Blood Agar is used for the isolation and cultivation of fastidious and slow growing, obligate anaerobic bacteria from a variety of clinical and non-clinical materials.	20
221739	**CDC Anaerobe 5% Sheep Blood Agar with Phenylethyl Alcohol (PEA)** CDC Anaerobe 5% Sheep Blood Agar with Phenylethyl Alcohol (PEA) is used for the selective isolation of fastidious and slow-growing, obligately anaerobic bacteria from a variety of clinical and non-clinical materials.	20
221846	**CDC Anaerobe Laked Sheep Blood Agar with Kanamycin and Vancomycin (KV)** Used for the selective isolation of fastidious, slow growing, anaerobic bacteria from a variety of different clinical and non-clinical materials.	20
256180	**Cepacia Medium** Cepacia Medium is a plated selective differential medium for the isolation of *Burkholderia cepacia* from clinical specimens (in particular Mucoviscidosis patients).	20
257011	**Chocolate Agar (Blood Agar No.2 Base)** Chocolate Agar (Blood Agar No. 2 Base) is a medium for the isolation and cultivation of fastidious microorganisms, especially *Neisseria* and *Haemophilus* species from clinical specimens.	20
257456	**Chocolate Agar (Blood Agar No.2 Base)**	120
221267	**Chocolate II Agar (GC II Agar with Hemoglobin and Isovitalex)** Chocolate II Agar is an improved medium for use in qualitative procedures for the isolation and cultivation of fastidious microorganisms, especially *Neisseria* and *Haemophilus* species, from a variety of clinical specimens.	100
254046	**Chocolate Agar with Bacitracin** Chocolate Agar with BD IsoVitaleX™ and Bacitracin is a selective medium for the isolation of *Haemophilus influenzae* from clinical specimens.	20
257480	**CHROMagar® Candida Medium** BD CHROMagar® Candida medium is for the isolation and differentiation of *Candida albicans*, *C. tropicalis* and *C. krusei*. 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.	20
254106	**CHROMagar® Candida Medium**	120
215085	**CHROMagar® Listeria** BBL™ CHROMagar® Listeria is a selective medium for the isolation, differentiation and identification of *Listeria monocytogenes* and *L. ivanovii* from food and environmental samples. BBL CHROMagar® Listeria has been validated by the AOAC™ Research Institute under the Performance Tested Methods℠ Program for the analysis of raw ground beef, smoked salmon, lettuce and Brie cheese when using FDA BAM, USDA FSIS, AOAC and ISO methods 1-4 with no confirmatory biochemical tests required for the identification of *Listeria monocytogenes* / *L. ivanovii*. Confirmatory testing of isolates from food matrices other than those that have been validated, and from environmental samples, is recommended.	20

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2.1 Aseptic Plated Media

Cat. No.	Description	Packaging
257434	**CHROMagar® MRSA II** A selective and differential medium primarily used for the qualitative and direct detection of colonization by methicillin resistant *Staphylococcus aureus* (MRSA) to aid in the prevention and control of MRSA infections. The test is performed on anterior nare specimens.	20
257435	**CHROMagar® MRSA II**	120
254105	**CHROMagar® O157 Medium** BD CHROMagar® O157 is a chromogenic medium for the selective isolation, differentiation and presumptive identification of *E. coli* O157:H7 strains from clinical, veterinary, food, and environmental sources.	20
254107	**CHROMagar® Orientation Medium** BD CHROMagar® Orientation is a non-selective medium for the isolation, direct identification, differentiation and enumeration of urinary tract pathogens.	120
254104	**CHROMagar® Salmonella Medium** BD CHROMagar® Salmonella is a selective differential medium for the isolation and presumptive identification of *Salmonella* directly from stool specimens and from enrichments such as selenite broth. It may also be used for the isolation of *Salmonella* from specimens other than feces such as food and water.	20
257074	**CHROMagar® Staph Aureus Medium** BD CHROMagar® Staph Aureus Medium is a selective differential medium for the isolation, enumeration and identification of *Staphylococcus aureus* from clinical sources and food (without the use of confirmatory testing for clinical sources).	20
257099	**CHROMagar® Staph Aureus Medium**	120
255529	**CLED Bevis (H) with Andrades Agar** CLED Agar (Bevis) is a modified CLED Agar used for the isolation and enumeration of bacteria in urine specimens.	20
254003	**CLED (Cystine Lactose-Electrolyte-Deficient) Agar** 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 *Proteus* species due to its lack of electrolytes.	20
254070	**CLED (Cystine Lactose-Electrolyte-Deficient) Agar**	120
222228	**Clostridium Difficile Selective Agar** CDSA Agar is recommended as a selective and differential medium for the primary isolation of *Clostridum difficile* from fecal specimens.	10
254406	**Clostridium Difficile Agar with 7% Sheep Blood** This is a selective medium for the primary isolation of *Clostridium difficile* from fecal and other clinical specimens.	20
256006	**Columbia Agar with 5% Horse Blood** 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.	20
254005	**Columbia Agar with 5% Sheep Blood** 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.	20
254071	**Columbia Agar with 5% Sheep Blood**	120
254007	**Columbia CNA Agar with 5% Sheep Blood** This is a selective and differential medium used for the isolation of gram-positive microorganisms from clinical and non-clinical materials.	20
254072	**Columbia CNA Agar with 5% Sheep Blood**	120
257303	**Columbia CNA Agar with 5% Sheep Blood, Improved** 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.	20

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2.1 Aseptic Plated Media

Cat. No.	Description	Packaging
257306	**Columbia CNA Agar with 5% Sheep Blood, Improved**	120
255086	**CNA Agar with Crystal Violet and 5% Sheep Blood, Modified** 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	**Columbia III Agar with 5% Sheep Blood** This is a highly nutritious general purpose medium for the isolation and cultivation of nonfastidious and fastidious micro-organisms 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, expecially of streptococci.	20
254098	**Columbia III Agar with 5% Sheep Blood**	120
254012	**DCLS Agar (Desoxycholate-Citrat-Lactose-Saccharose)** Desoxycholate Citrate Lactose Sucrose Agar is a moderately selective differential medium for isolation of *Salmonella*, *Shigella*, and cholera vibrios from clinical and other specimens.	20
254429	**Dermatophyte Agar** This is a selective medium for the isolation of pathogenic fungi from cutaneous sources such as skin, hair, and nails.	20
254010	**Desoxycholate Agar** Desoxycholate Agar is a slightly selective and differential medium used for isolating and differentiating gram-negative enteric bacilli. (mainly *Enterobacteriaceae*)	20
255506	**DNAse Test Agar** Differential medium used for the detection of deoxyribonuclease activity to aid in the identification of bacteria.	20
297202	**DNAse Agar Test Methyl Green** Contains a dye to eliminate the necessity of adding reagent to the agar plate following incubation.	20
254014	**EMB Agar (Eosin-Methylene-Blue)** 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 (*Enterobacteriaceae* and several other gram-negative rods) from both clinical and non-clinical specimens.	20
254073	**EMB Agar (Eosin-Methylene-Blue)**	120
254016	**Endo Agar** Endo Agar is a slightly selective and differential medium for the isolation, cultivation and differentiation of *Enterobacteriaceae* and several other gram-negative rods from both clinical and non-clinical specimens.	20
254074	**Endo Agar**	120
254019	**Enterococcosel™ Agar** For isolation and differentiation of Enterobacteriaceae 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
292234	**Enterococcosel™ Agar with Vancomycin** Used for primary screening of asymptomatic gastrointestinal carriage of vancomycin resistant enterococci (VRE).	10
254094	**Gardnerella Selective Agar with 5% Human Blood** Gardnerella Selective Agar with 5% Human Blood is a partially selective and differential medium for the isolation of *Gardnerella vaginalis* from clinical specimens.	20
254060	**GC-Chocolate Agar** Chocolate Agar (GCII Agar with BD IsoVitaleX™) is a non-selective medium for the isolation and cultivation of fastidious microorganisms, especially *Neisseria* and *Haemophilus* species, from a variety of clinical specimens.	20
254089	**GC-Chocolate Agar**	120
254554	**GC-Lect™ Agar** BD GC-Lect™ Agar is a selective plated medium providing enhanced growth and recovery of *Neisseria gonorrhoeae* and better inhibition of contaminating bacteria and fungi, including *Capnocytophaga* species in oropharyngeal specimens.	20
254555	**GC-Lect™ Agar**	120
221240	**GC II Agar with IsoVitaleX™** GC II Agar with BD IsoVitaleX™ Enrichment is used for antimicrobial disc diffusion susceptibility testing of *Neisseria gonorrhoeae*.	8

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2.1 Aseptic Plated Media

Cat. No.	Description	Packaging
254050	**Group A, Selective Strep Agar with 5% Sheep Blood** A selective medium for use in the isolation and presumptive identification of group A streptococci from throat cultures and other specimens.	20
257079	**Group B Streptococcus Differential Agar (Granada Medium)** This agar is used for the isolation and identification of *Streptococcus agalactiae* (Group B Streptococcus) from clinical specimens.	20
254058	**Haemophilus Test Medium Agar (HTM Agar)** HTM Agar is used in the antimicrobial disc diffusion susceptibility procedure for *Haemophilus influenzae* 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	**Heart Infusion Agar with 5% Sheep Blood** Heart Infusion Agar (= HIA) with 5% Sheep Blood is a general purpose medium used for the isolation and cultivation of fastidious and nonfastidious microorganisms from clinical specimens.	20
254009	**Hektoen Enteric Agar** 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 *Shigella* and *Salmonella* species.	20
254075	**Hektoen Enteric Agar**	120
254430	**Helicobacter Agar** Helicobacter Agar is a selective medium for the isolation of *Helicobacter pylori* from gastric specimens.	20
254021	**Iso RES Agar** A semi-defined medium for the susceptibility testing of nonfastidious organisms with the agar diffusion (Kirby-Bauer) method.	20
254076	**Iso RES Agar**	120
254413	**Kimmig Agar** Used for the isolation, cultivation, and maintenance of fungi from clinical and other sources.	20
255011	**LBS Agar** 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
221858	**Lecithin Lactose Agar** Lecithin Lactose Agar is recommended for the isolation and differentiation of histotoxic clostridia from clinical specimens. It is particularly useful in differentiating *Clostridium perfringens*, *C. sordellii, C. novyi, C. septicum* and *C. histolyticum*.	10
257321	**Legionella BCYE Agar** A medium used in qualitative procedures for isolation of *Legionella* species from clinical specimen and nonclinical environmental samples.	120
254550	**Legionella BCYE Agar without Antibiotics (conform NEN) with Pimaricin** A medium for the detection and presumptive identification of *Legionella* species from water.	120
254549	**Legionella BCYE Agar with L-Cysteïne and Antibiotics (conform NEN)**	120
254552	**Legionella BCYE Agar without L-Cysteïne (conform NEN) with Pimaricin** Is a control medium to detect the presence of bacteria other than *Legionella* which may appear on 254550 and 254549.	120
221808	**Legionella BCYE Agar with L-Cysteine** Buffered Coal Yeast Agar is used for the isolation and cultivation of *Legionella* species.	10
254414	**Legionella BCYE Agar with Vancomycin and Colistin** Selective medium for the isolation of *Legionella* species from water and clinical specimens.	20
254543	**Legionella BCYE Agar with Vancomycin and Colistin**	120
257007	**Legionella GVPC Medium** GVPC (Glycine-Vancomycin-Polymyxin-Cycloheximide Medium) is a selective medium for the isolation of *Legionella* species from water and other environmental sources.	20
221268	**Levine EMB Agar** Eosin Methylene Blue Agar, Levine is a slightly selective and differential plating medium for the isolation of gram-negative enteric bacteria. EMB Agar, Levine, without Lactose is provided for convenience in genetic studies of enteric bacilli.	100

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2. PREPARED MEDIA

2.1 Aseptic Plated Media

Cat. No.	Description	Packaging
254539	**PALCAM Listeria Agar** PALCAM Medium Base is used with PALCAM Antimicrobic Supplement in isolating and cultivating *Listeria*, particularly from foods and milk products.	20
299788	**M-Green Yeast and Mold Agar** M-Green Yeast and Mold Agar is used for the detection of fungi in the routine analysis of beverages.	100
256009	**MacConkey Agar without Salt** This is a differential medium for the isolation of *Enterobacteriaceae*, staphylococci, and enterococci from specimens of sanitary importance and from clinical specimens such as urines.	20
257286	**MacConkey Agar without Salt**	120
256008	**MacConkey Agar without Crystal Violet** This is a differential, partially selective medium for the isolation of *Enterobacteriaceae*, staphylococci, and enterococci from specimens of sanitary importance and from clinical specimens such as urines. Less selective than MacConkey Agar. The lack of Crystal violet permits the growth of *Staphylococcus* and *Entereococcus*.	20
254455	**MacConkey Agar with Sorbitol** This is a partially selective differential medium for the isolation of sorbitol nonfermenting *E. coli* O157:H7 from clinical, veterinary, food, and environmental sources.	20
298519	**MacConkey Agar with Sorbitol**	100
254025	**MacConkey II Agar** MacConkey II Agar is a selective and differential medium for the isolation and differentiation of *Enterobacteriaceae* and a variety of other gram-negative rods from clinical and non-clinical specimens.	20
254078	**MacConkey II Agar**	120
221938	**MacConkey II Agar with MUG** The addition of MUG to the formulation allows *ß*-D-glucuronidase-positive strains of *E. coli* to fluorescence blue-green when examined under UV light.	20
254027	**Mannitol Salt Agar** 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.	20
254079	**Mannitol Salt Agar**	120
257021	**Mannitol Salt Agar with Oxacillin** Mannitol Salt Agar with Oxacillin is used for the detection and isolation of methicillin resistant *Staphylococcus aureus* (MRSA) in clinical specimens.	20
254029	**Martin Lewis Agar, Modified** Martin-Lewis Agar, Modified is an enriched medium for the selective isolation of *Neisseria gonorrhoeae* and *N. meningitidis* from clinical specimens containing mixed flora of bacteria and fungi.	20
254520	**Middlebrook 7H10 Agar** Middlebrook 7H10 Agar contains a variety of inorganic salts which provide substances essential for the growth of mycobacteria. The sodium citrate, when converted to citric acid, holds certain inorganic cations in solution. Glycerol is an abundant source of carbon and energy. Oleic acid, as well as other long chain fatty acids, can be 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 mycobacteria.	20
254521	**Middlebrook 7H10 Agar**	120
292606	**MRS Agar, Modified** Lactobacilli MRS Agar and Lactobacilli MRS Broth are recommended for use in the isolation, enumeration and cultivation of *Lactobacillus* species.	100
254035	**Mueller Hinton Chocolate Agar** May be used for the susceptibility testing of *Neisseria gonorrhoeae* and for the isolation and cultivation of fastidious bacteria from clinical specimens.	20
254082	**Mueller Hinton Chocolate Agar**	120

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2.1 Aseptic Plated Media

Cat. No.	Description	Packaging
254032	**Mueller Hinton II Agar** 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
254081	**Mueller Hinton II Agar**	120
254030	**Mueller Hinton II Agar with 5% Sheep Blood** BD Mueller Hinton Agar with 5% Sheep Blood, available in several plate formats and package sizes, is recommended for disc diffusion susceptibility testing of *Streptococcus pneumoniae* and other streptococci as standardized by CLSI (formerly the National Committee for Clinical Laboratory Standards NCCLS).	20
254080	**Mueller Hinton II Agar with 5% Sheep Blood**	120
254063	**Mycoplate MS Agar** A non-selective medium for cultivation of fungi and differentiation of yeast (genus *Candida*) based on morphological markers.	20
254417	**Mycosel™ Agar** 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	**MYP Agar** Manitol Egg Yolk Polymyxin Agar is a settling medium for the isolation and enumeration of *Bacillus cereus* from foods.	20
254444	**Neomycin Agar with 5% Sheep Blood** Neomycin Blood Agar is used for the isolation of group A streptococci (*S. pyogenes*) and group B streptococci (*S. agalactiae*) from clinical specimens in which the presence of these organisms is suspected.	20
297173	**New York City Medium, Modified** New York City (NYC) Medium, Modified is a semi-transparent selective medium used in qualitative procedures primarily for the isolation of pathogenic *Neisseria*.	20
254481	**OFPBL Agar** Oxidation/Fementation - Polymyxin - Bacitracin - Lactose Agar is used in the selective isolation and detection of *Burkholderia cepacia* from clinical and non-clinical specimens.	20
254570	**Oxacillin Screen Agar / MRSA** Oxacillin Screen Agar (originally named MRSA Screen Agar) was developed for the detection of methicillin-resistant *Staphylococcus aureus* (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	**Phenylethyl Alcohol Agar with 5% Sheep Blood** 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	**Plate Count Agar / Standard Methods Agar** Plate Count Agar, also known as Standard Methods Agar, is a Standard Methods medium used for enumerating aerobic bacteria in water, wastewater, foods and dairy products.	20
254108	**Potato Glucose Agar** Potato Glucose Agar is used for the cultivation and enumeration of yeasts and molds.	20
254419	**Pseudosel™ Agar** BD Pseudosel™ Agar is used for the selective isolation of *Pseudomonas aeruginosa* from a variety of specimens.	20
212919	**Pseudomonas CFC Agar** Is used for the isolation of *Pseudomonas* species and related organisms (e.g. *Burkholderia cepacia)* from food, water, pharmaceuticals, and environmental samples.	
257002	**Pseudomonas Isolation Agar** Pseudomonas Isolation Agar is used in isolating *Pseudomonas* and differentiating *Pseudomonas aeruginosa* from other pseudomonads based on pigment formation.	20
257008	**R2A Agar** 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.	20

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2.1 Aseptic Plated Media

Cat. No.	Description	Packaging
297883	**Regan-Lowe Charcoal Agar** Regan-Lowe Charcoal Agar is a selective medium used for isolation of *Bordetella pertussis* from clinical specimens.	10
254091	**Sabouraud Agar with Chloramphenicol** It is a selective medium for the isolation of fungi from clinical and non-clinical material.	20
254039	**Sabouraud Glucose Agar** Sabouraud Dextrose Agar is used for isolation and cultivation of fungi from clinical and non-clinical material.	20
254083	**Sabouraud Glucose Agar**	120
297803	**Sabouraud Brain Heart Infusion Agar with Chloramphenicol and Cycloheximide** 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.	10
254041	**Sabouraud Agar with Gentamycin and Chloramphenicol** A selective medium for the isolation of fungi from clinical and non-clinical material .	20
254096	**Sabouraud Agar with Gentamycin and Chloramphenicol**	120
254451	**Sabouraud Agar with Penicilin and Streptomycin** A selective medium for the isolation of fungi that exhibit inhibition of bacteria.	20
254047	**Salmonella Shigella Agar (SS Agar)** Salmonella Shigella Agar (SS Agar) is a differential selective medium for the isolation of pathogenic enteric bacilli, especially those belonging to the genus *Salmonella*.	20
254085	**Salmonella Shigella Agar (SS Agar)**	120
254042	**Schaedler Agar with 5% Sheep Blood and Vitamin K1** Schaedler Agar with Vitamin K1 and 5% Sheep Blood is a highly nutritious medium for the isolation and cultivation of fastidious anaerobic microorganisms.	20
254084	**Schaedler Agar with 5% Sheep Blood and Vitamin K1**	120
254485	**Schaedler CNA Agar with 5% Sheep Blood** A partially selective medium for the isolation of strictly anaerobic gram-positive cocci and other anaerobic gram-positive bacteria from clinical specimens.	20
254023	**Schaedler Kanamycin/Vancomycin Agar with 5% Sheep Blood** Schaedler Kanamycin-Vancomycin Agar with 5% Sheep Blood is a highly nutritious, selective medium for the isolation of fastidious gram-negative anaerobic microorganisms, especially *Bacteroides* and *Prevotella* species and a variety of other gram-negative anaerobes.	20
254077	**Schaedler Kanamycin/Vancomycin-Agar with 5% Sheep Blood**	120
221183	**Serum Tellurite Agar** Serum Tellurite Agar is a selective and differential medium used for isolation of members of the genus *Corynebacterium*, particularly in the laboratory diagnosis of diphtheria.	20
221870	**Seven H11 Agar (Deep Fill)** Used in qualitative procedures for isolation and cultivation of mycobacteria, especially *Mycobacterium tuberculosis*, from clinical and non-clinical specimens.	10
254432	**TCBS Agar** Thiosulfate Citrate Bile Salts Sucrose Agar (TCBS) is a selective differential medium used for the selective isolation of cholera vibrios and *Vibrio parahaemolyticus* from a variety of clinical and non-clinical specimens.	20
254051	**Trypticase™ Soy Agar** General purpose media which support the growth of nonfastidious as well as moderately fastidious microorganisms.	20
254086	**Trypticase™ Soy Agar**	120
297346	**Trypticase™ Soy Agar II with 5% Sheep Blood with Ampicillin** Trypticase Soy Agar with 5% Sheep Blood (TSA II) with Ampicillin is used for the isolation of *Aeromonas* spp.	20

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2.1 Aseptic Plated Media

Cat. No.	Description	Packaging
212099	**Trypticase™ Soy Agar II with 5% Horse Blood** 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	**Trypticase™ Soy Agar II with 5% Sheep Blood** 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.	20
254087	**Trypticase™ Soy Agar II with 5% Sheep Blood**	120
221874	**V Agar** V Agar is an enriched medium used in qualitative procedures for the isolation and differentiation of *Gardnerella vaginalis* from clinical specimens.	10
222204	**Vancomycin Screen Agar** Vancomycin Screen Agar supports dependable testing for enterococcal isolates exhibiting vancomycin resistance.	10
254486	**Violet Red Bile Glucose (VRBG) Agar** VRBG Agar is used for the enumeration and isolation of *Enterobacteriaceae* from foods and dairy products.	20
254479	**Wilkens-Chalgren Agar with Amikacin and 7% Sheep Blood** 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	**Xylose Lysine Desoxycholate (XLD) Agar** 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 (*Salmonella* and *Shigella*). It is especially suitable for the isolation of *Shigella* species.	20
254090	**Xylose Lysine Desoxycholate (XLD)Agar**	120
254056	**Yersinia Selective Agar (CIN)** Yersinia Selective Agar (= CIN = Cefsulodin-Irgasan-Novobiocin Agar) is a selective differential medium for the isolation of *Yersinia enterocolitica*.	20
254088	**Yersinia Selective Agar (CIN)**	120

2.1.2 Biplates

297041	**Anaerobe CNA Agar with 5% Sheep Blood // Anaerobe Laked Sheep Blood KV Agar** Anaerobe CNA Agar with 5% Sheep Blood is an enriched medium based on a modified formulation for Columbia CNA Agar developed by Ellner et al.1 It consists of Columbia CNA Agar modified to support the growth of anaerobic gram-positive cocci. Colistin and nalidixic acid (CNA) are incorporated to inhibit gram-negative enteric bacilli. Anaerobe Laked Sheep Blood KV Agar consists of an enriched Columbia Agar Base with kanamycin and vancomycin as selective agents for gram-negative obligate anaerobes. Laked sheep blood stimulates pigmentation of the pigmenting *Porphyromonas-Prevotella* species.	20
254489	**CHROMagar® Orientation Medium // Columbia CNA Agar with 5% Sheep Blood** 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
221600	**Columbia CNA Agar with 5% Sheep Blood // MacConkey II Agar** Columbia CNA Agar with 5% Sheep Blood is a selective and differential medium used for the isolation of gram-positive microorganisms from clinical and non-clinical materials. MacConkey II Agar is a slightly selective and differential medium for the detection of coliform organisms and enteric pathogens from clinical and non-clinical specimens.	20
254553	**DCLS Agar (Desoxycholate-Citrat-Lactose-Saccharose) // Hektoen Entero Agar** Desoxycholate Citrate Lactose Sucrose Agar is a moderately selective differential medium for isolation of *Salmonella*, *Shigella*, 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 *Shigella* and *Salmonella* species.	20

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2. PREPARED MEDIA

2.1 Aseptic Plated Media

Cat. No.	Description	Packaging
221783	**Group A Selective Strep Agar (SSA™) // Trypticase™ Soy Agar (TSA II™) with 5% Sheep Blood** 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 (*S. pyogenes*) from throat cultures and other specimens in which the presence of *S. pyogenes* 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**
254447	**MacConkey Agar // Columbia CNA Agar with 5% Sheep Blood** 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 from clinical specimens.	**20**
298292	**Middlebrook 7H10 Agar // Seven H11 Agar** Used for the isolation, cultivation and susceptibility testing of mycobacteria. The Selective Seven H11 Agar is 7H11 Agar modified by the addition of four antimicrobial agents: polymyxin B, carbenicillin, amphotericin B and trimethoprim lactate.	**100**
254515	**Sabouraud GC Agar // CHROMagar® Candida Medium** Sabouraud Glucose Agar with Gnetamycin and Chloramphenicol in combination with BD CHROMagar® Candida is used for the selective isolation of fungi and for the isolation and identification of *Candida albicans*, *Candida tropicalis* and *Candida krusei* from clinical specimens.	**20**
254476	**Schaedler Agar // Schaedler KV Agar with 5% Sheep Blood** Used for the non-selective isolation of anaerobes and for the selective isolation of fastidious gram-negative anaerboic microorganisms, especially *Bacteroides* and *Prevotella* species and a variety of gram-negative anaerobes.	**20**
221290	**Trypticase™ Soy Agar with 5% Sheep Blood (TSA II™) // MacConkey II Agar** 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. Mac Conkey II Agar is a selective and differential medium for the detection of coliform organisms and enteric pathogens from clinical and non-clinical specimens.	**20**
221291	**Trypticase™ Soy Agar with 5% Sheep Blood (TSA II™) // MacConkey II Agar**	**100**
221949	**Trypticase™ Soy Agar with 5% Sheep Blood (TSA II) // MacConkey II Agar with MUG** 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 presumtive identification of *Escherichia coli*.	**20**
254493	**Xylose Lysine Desoxycholate (XLD) Agar // Brilliant Green Agar, Modified** Brilliant Green Agar Modified and XLD Agar in biplate format are used for isolating *Salmonella* and *Shigella* from water, sewage and foodstuffs or clinical specimens.	**20**

2.1.3 Special format

221954	**Haemophilus Test Medium Agar, 150 mm** HTM Agar is used in the antimicrobial disc diffusion susceptibility procedure for *Haemophilus influenzae* and related species as described in the Approved Standard M2-A7, published by the National Committee for Clinical Laboratory Standards (CLSI, formerly NCCLS).	**8**
215045	**m EI Agar, 60 mm** 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-ß-D-Glucoside Agar (m EI)*.	**20**
292349	**m Endo Agar LES, 60 mm** m Endo Agar LES is used for enumerating coliforms in water by membrane filtration.	**100**
292345	**m FC Agar, 60 mm** m FC Agar is used for cultivating and enumerating fecal coliforms by the membrane filter technique at elevated temperatures.	**10**
214986	**MI Agar, 60 mm** For the simultaneous chromogenic-fluorogenic detection and enumeration of total coliform and *E. coli* in drinking water by membrane filtration technique. Confirrms with US EPA approved Method 1604.	**20**

2. PREPARED MEDIA

2.1 Aseptic Plated Media

Cat. No.	Description	Packaging
215044	**mTEC Agar, 60 mm** Modified mTEC Agar is a selective culture medium used for the chromogenic detection and enumeration of thermotolerant *Escherichia coli* in water by the membrane filtration technique. It conforms with U.S. Environmental Protection Agency (USEPA) Approved Method 1603: *Escherichia coli (E. coli) in Water by Membrane Filtration Using Modified membrane-Thermotolerant Escherichia coli Agar (modified mTEC).*	**20**
254517	**Mueller Hinton Agar with 5% Sheep Blood, square, 120 mm** Mueller Hinton Agar with 5% Sheep Blood, is recommended for disc diffusion susceptibility testing of *Streptococcus pneumoniae* and other streptococci as standardized by CLSI (formerly the National Committee for Clinical Laboratory Standards NCCLS).	**20**
255080	**Mueller Hinton II Agar with 5% Sheep Blood, 150 mm** Mueller Hinton Agar with 5% Sheep Blood, is recommended for disc diffusion susceptibility testing of *Streptococcus pneumoniae* and other streptococci as standardized by CLSI (formerly the National Committee for Clinical Laboratory Standards NCCLS).	**20**
254518	**Mueller Hinton II Agar, square, 120 mm** 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	**Mueller Hinton II Agar, 150 mm** 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**

2.1.4 Quad Plate

222201	**Enterococcus Screen Agar, with Streptomycin / Gentamicin / Vancomycin Quadrants, 90 mm** Enterococcus Screen Agar QUAD Plate with Streptomycin/Gentamicin/Vancomycin. Quadrant I: Brain Heart Infusion Agar (BHIA) as control, Quadrant II: BHIA with gentamicin, Quadrant III: BHIA with vancomycin, Quadrant IV: BHIA with streptomycin.	**10**
297890	**Hemo (Hemophilus) ID Quad Agar, 90 mm** Contains one quadrant with X factor enriched medium, one with V factor-enriched medium (Quadrant II), one with both X and V factors-enriched medium, and one with and horse blood to determine growth and hemolysis.	**10**

2.1.5 Hycheck™ Hygiene Contact Slides

Hycheck™ is a double-sided, hinged plastic paddle containing two agar surfaces. The agar surface extends above the paddle allowing for contact with test surfaces. The hinged paddle allows the agar surface to be easily held against each test area during sampling. 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	**Hycheck™ D/E Neutralizing Agar** D/E Neutralizing Agar on both sides of the slide.	**10**
290003	**Hycheck™ for Enterobacteriaceae** Tryptic Soy Agar and Violet Red Bile Glucose Agar.	**10**
290005	**Hycheck™ for Total Count** Plate Count Agar and Plate Count Agar with TTC. Primarily for control of cutting oils and process water.	**10**
290006	**Hycheck™ for Yeasts and Molds** Tryptic Soy Agar and Rose Bengal Chloramphenicol Agar.	**10**
290007	**Hycheck™ for Yeasts and Molds with Triphenyltetrazolium chloride (TTC)** Tryptic Soy Agar with 0.01% TTC and Rose Bengal Chloramphenicol Agar.	**10**
290004	**Hycheck™ Plate Count Aagar with TTC** Plate Count Agar with TTC on both sides	**10**
290002	**Hycheck™ for Disinfection Control** Tryptic Soy Agar and D/E Neutralizing Agar.	**10**

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2. PREPARED MEDIA

2.1 Aseptic Plated Media

Cat. No.	Description	Packaging
290009	**Hycheck™ Sabouraud Dextrose Agar** Sabouraud Dextrose Agar for the recovery of fungi (yeasts and moulds) on both sides of the slide.	**10**
290011	**Hycheck™ Tryptic Soy Agar** Tryptic Soy Agar on both sides of the slide.	**10**

2.1.6 Aseptic Contact Plates

254969	**COST Agar** Columbia Agar with 5% Sheep Blood and Polysorbat 80. Medium for the detection of *Corynebacterium jeikeium* and other skin microorganisms in sanitary areas.	**33**
254541	**Nutrient Agar, Special** Medium for the detection and enumeration of nonfastidious microorganisms from surfaces, with neutralization of disinfectants.	**26**
254038	**Trypticase™ Soy Agar With Lecithin and Polysorbate 80 (Contact plates)** used for the detection of micro-organisms surviving after treatment of surfaces and materials with antiseptics.	**33**
221288	**Trypticase™ Soy Agar With Lecithin and Polysorbate 80 (RODAC plates)**	**20**
257042	**Violet Red Bile Glucose Agar** Selective medium for the detection and enumeration of enteric pathogens from sanitary important areas.	**33**

2.1.7 Accessories

RODAC™ Racks

Are 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 securley in place. RODAC™ racks are availalbe in a variety of colors - blue, orange, green, to differentiate samples.

212976	**RODAC™ Rack Blue**	**1**
212978	**RODAC™ Rack Green**	**1**
212977	**RODAC™ Rack Orange**	**1**
210340	**RODAC™ Unfilled Plates, 65 mm** 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**
257517	**Stacker™ Dishes (aseptically packed 90 mm empty dishes)** Single wrapped - in stacks of 30 - empty petri dishes.	**6240**
257524	**Stacker™ Bi-Dishes (aseptically packed 90 mm empty dishes)** Single wrapped - in stacks of 30 - empty petri dishes.	**6240**
257516	**Stacker™ Dishes (sterile packed 90 mm empty dishes)** Double wrapped - in stacks of 30 - empty petri dishes; gamma-irradiated.	**6240**
257404	**TranS Bag, Sterile Transport Bags (for 90 mm plates)** 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	**TranS Bag, Sterile Transport Bags (for 55 mm plates)**	**100**

2. PREPARED MEDIA

2.2 Sterile Plated Media & Swabs

Cat. No.	Description	Plate Type	Packaging
2.2.1 Aseptic Trypticase™ Soy Agar (TSA) and Sabouraud Dextrose Agar (SDA) (Storage 2-8 °C)			
254091	**Sabouraud Agar with Chloramphenicol** Is a selective medium for the isolation of fungi from clinical and non-clinical material.	**90 mm**	**20**
254039	**Sabouraud Glucose Agar** Sabouraud Dextrose Agar is used for isolation and cultivation of fungi from clinical and non-clinical material.	**90 mm**	**20**
254083	**Sabouraud Glucose Agar**	**90 mm**	**120**
254041	**Sabouraud Agar with Gentamycin and Chloramphenicol** A selective medium for the isolation of fungi from clinical and non-clinical material .	**90 mm**	**20**
254096	**Sabouraud Agar with Gentamycin and Chloramphenicol**	**90 mm**	**120**
254051	**Trypticase™ Soy Agar** General purpose media which supports the growth of nonfastidious as well as moderately fastidious microorganisms. This medium is used in different plate formats, and aseptically filled or gamma-irradiated, for various purposes in general hygiene and industrial microbiology.	**90 mm**	**20**
254086	**Trypticase™ Soy Agar**	**90 mm**	**120**
254038	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80** Used for the detection of microogranisms surviving after treament of surfaces and materials with antiseptics. These media are used in different plate formats, and are aseptically filled or gamma-irradiated.	**Contact**	**33**
221288	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80**	**RODAC™**	**20**
221287	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80**	**RODAC™**	**100**
2.2.2 Sterile Pack Plated Media (Storage 2-8 °C) - Double wrapped / Gamma-irradiated			
292229	**CDC Anaerobe Blood Agar Base,** with transport bag CDC Anaerobe Blood Agar is used for the isolation and cultivation of fastidious and slow growing, obligately anaerobic bacteria from a variety of clinical and nonclinical materials. It also supports good growth of most aerobic, facultatively anaerobic and microaerophilic bacteria if incubated appropriately.	**RODAC™**	**10**
257402	**CDC Anaerobe Blood Agar with Penicillinase** For the selective isolation of fastidious and slow growing obligate anaerobic gram-negative bacteria.	**90 mm**	**100**
221232	**D/E Neutralizing Agar,** with transport bag 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. Prepared plates are provided for environmental monitoring. Sterile Pack and Isolator Pack RODAC™ prepared plates are particularly useful for monitoring surfaces in clean rooms and other environmentally-controlled areas Finger Dab™ Sterile Pack and Isolator Pack plates are intended for sampling gloved hands. With transport bag.	**RODAC™**	**10**
222209	**D/E Neutralizing Agar,** with transport bag	**RODAC™**	**100**
257399	**D/E Neutralizing Agar**	**RODAC™**	**100**
221944	**D/E Neutralizing Agar,** with transport bag	**Contact**	**10**
257398	**D/E Neutralizing Agar with Penicillinase**	**RODAC™**	**100**
215063	**D/E Neutralizing Agar with Penicillinase**	**RODAC™**	**100**
292255	**D/E Neutralizing Agar, heavy fill,** with transport bag	**90 mm**	**10**
292409	**D/E Neutralizing Agar, heavy fill**	**90 mm**	**100**
257397	**D/E Neutralizing Agar with Penicillinase**	**90 mm**	**100**
292228	**D/E Neutralizing Agar with Penicillinase, heavy fill,** with transport bag	**90 mm**	**10**
257495	**R2A Agar, heavy fill** R2A Agar is used for enumerating heterotrophic organisms in treated potable water. R2A Agar is recommended in standard methods for pour plate, spread plate and membrane filter methods for heterotrophic plate counts.	**90 mm**	**100**

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2. PREPARED MEDIA

2.2 Sterile Plated Media & Swabs

Cat. No.	Description	Plate Type	Packaging
292225	**Rose Bengal Agar with Chloramphenicol**, with transport bag For isolating fungi from environmental and food specimens.	RODAC™	10
292226	**Rose Bengal Agar with Chloramphenicol,** with transport bag	90 mm	10
221235	**Sabouraud Dextrose Agar,** with transport bag Used for the detection and enumeration of microorganisms present on surfaces of sanitary importance. The Sterile Pack plates are particularly useful for monitoring surfaces in clean rooms and other environmentally-controlled areas. With transport bag.	RODAC™	10
221988	**Sabouraud Dextrose Agar**, with transport bag	Contact	10
221233	**Sabouraud Dextrose Agar with Lecithin and Polysorbate 80**, with transport bag Used for the detection and enumeration of microorganisms present on surfaces of sanitary importance. The Sterile Pack plates are particularly useful for monitoring surfaces in clean rooms and other environmentally-controlled areas. With transport bag. Lecithin neutralizes quaternary ammonium compounds, and polysorbate 80 neutralizes substituted phenolic disinfectants.	RODAC™	10
221989	**Sabouraud Dextrose Agar with Lecithin and Polysorbate 80**, with transport bag	Contact	10
222244	**Sabouraud Dextrose Agar with Lecithin and Polysorbate 80**, with transport bag	RODAC™ SL	10
299922	**Sabouraud Dextrose Agar**	90 mm	10
299977	**Sabouraud Dextrose Agar**, with transport bag	150 mm	5
257076	**Tryptic Soy Agar, heavy fill**, with transport bag	90 mm	10
257077	**Tryptic Soy Agar, heavy fill**, with transport bag	90 mm	100
257396	**Trypticase™ Soy Agar**	RODAC™	100
299975	**Trypticase™ Soy Agar** , with transport bag	RODAC™	10
221987	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80 and Penicillinase**, with transport bag Used for the detection of microorganisms surviving after treatment of surfaces and materials with antiseptics in penicillin fill rooms. These media are used in different plate formats, and are gamma-irradiated in their packaging materials.	Contact	10
221234	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80 and Penicillinase**, with transport bag	RODAC™	10
257400	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80 and Penicillinase**	RODAC™	100
222246	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80 and Penicillinase**, with transport bag	RODAC™ SL	10
222247	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80**, with transport bag	RODAC™ SL	100
221238	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80**, with transport bag	RODAC™	10
222207	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80**, with transport bag	RODAC™	100
221961	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80**, with transport bag	Contact	10
222208	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80**, with transport bag	Contact	100
254954	**Trypticase™ Soy Agar**, with transport bag	90 mm	10
254956	**Trypticase™ Soy Agar**, with transport bag	90 mm	100
221237	**Trypticase™ Soy Agar**, with transport bag	150 mm	5
257285	**Trypticase™ Soy Agar**, with transport bag	150 mm	5
292305	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80**, with transport bag	150 mm	5
221839	**Trypticase™ Soy Agar with Penicillinase**, with transport bag	90 mm	10
257401	**Trypticase™ Soy Agar with Penicillinase**	90 mm	100
221837	**Trypticase™ Soy Agar with Penicillinase,** with transport bag	150 mm	5
257455	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80 and Penicillinase**, with transport bag	90 mm	100

2. PREPARED MEDIA

2.2 Sterile Plated Media & Swabs

Cat. No.	Description	Plate Type	Packaging
	Triple Wrapped / Gamma-irradiated		
299939	**Sabouraud Dextrose Agar**, with transport bag	90 mm	10
254955	**Trypticase™ Soy Agar**, with transport bag	90 mm	100
292270	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80**, with transport bag	RODAC™	100
254953	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80 , Finger Dab™**, with transport bag	90 mm	100
257284	**Trypticase™ Soy Agar**, with transport bag	150 mm	30
257527	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80 and Penase**	RODAC™	100
257528	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80 and Penase**	90 mm	100
	2.2.3 Isolator Pack Plated Media; Triple Wrapped / Gamma-irradiated (Storage 2-8 °C)		
293043	**Brewer Anaerobe Agar w/ Lecithin and Polysorbate 80**, with transport bag Used for cultivating anaerobic microaerophilic bacteria	90 mm	100
293044	**Brewer Anaerobe Agar w/ Lecithin and Polysorbate 80**, with transport bag	Contact	100
292645	**D/E Neutralizing Agar**, with transport bag 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.	RODAC™	10
292646	**D/E Neutralizing Agar**, with transport bag	RODAC™	100
292647	**D/E Neutralizing Agar**, with transport bag	90 mm	10
257297	**Microbial Content Test Agar**, with transport bag is equivalent to Trypticase™ Soy Agar with Lecithin and Polysorbate 80	Contact	10
257432	**Microbial Content Test Agar**, with transport bag	Contact	100
254972	**Microbial Content Test Agar, heavy fill**, with transport bag	Contact	10
299937	**Sabouraud Dextrose Agar with Lecithin and Polysorbate 80**, with transport bag	RODAC™	10
292337	**Sabouraud Dextrose Agar with Lecithin and Polysorbate 80**, with transport bag	RODAC™	100
292653	**Sabouraud Dextrose Agar with Lecithin and Polysorbate 80**, **heavy fill**, with transport bag	90 mm	10
292654	**Sabouraud Dextrose Agar with Lecithin and Polysorbate 80,** with transport bag	150 mm	5
292998	**Sabouraud Dextrose Agar with Lecithin and Polysorbate 80 and Chloramphenicol** with transport bag	Contact	100
292999	**Sabouraud Dextrose Agar with Lecithin and Polysorbate 80 and Chloramphenicol** with transport bag	90 mm	100
299896	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80**, with transport bag	RODAC™	10
292335	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80**, with transport bag	RODAC™	100
293000	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80**, with transport bag	Contact	100
257421	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80 and Penicillinase**	RODAC™ SL	10
257453	**Trypticase™ Soy Agar with 4 Neutralizers (Sanitizer Neutralizing Agar)**	RODAC™	10
257080	**Trypticase™ Soy Agar**, with transport bag	90 mm	10
257081	**Trypticase™ Soy Agar**, with transport bag	90 mm	100
292272	**Trypticase™ Soy Agar**, with transport bag	150 mm	5
292901	**Trypticase™ Soy Agar with Penicillinase**, with transport bag	90mm	100
257075	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80**, with transport bag	90 mm	10

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2.2 Sterile Plated Media & Swabs

Cat. No.	Description	Plate Type	Packaging
292648	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80, Finger Dab™, heavy fill**, with transport bag	90 mm	10
292649	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80, Finger Dab™, heavy fill**, with transport bag	90 mm	100
292650	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80, Finger Dab™**, with transport bag	150 mm	5
257454	**Trypticase™ Soy Agar with 4 Neutralizers (Sanitizer Neutralizing Agar), heavy fill**	90 mm	10
257403	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80 and Penicillinase**	90 mm	100

2.2.4 Isolator Pack XT Plated Media; Triple Wrapped / Gamma-irradiated (Storage 2-25 °C)

257525	**D/E Neutralizing Agar**	90 mm	100
257526	**D/E Neutralizing Agar**	RODAC™	10
257518	**Sabouraud Dextrose Agar with Lecithin and Polysorbate 80**	90 mm	10
257519	**Sabouraud Dextrose Agar with Lecithin and Polysorbate 80**	RODAC™	100
257469	**Sanitizer Tryptic Soy Agar with 4 neutralizers**	RODAC™	10
257467	**Sanitizer Tryptic Soy Agar with 4 neutralizers**	RODAC™	100
257466	**Sanitizer, heavy fill, Tryptic Soy Agar with 4 neutralizers**	90 mm	10
257468	**Sanitizer, heavy fill, Tryptic Soy Agar with 4 neutralizers**	90 mm	100
257380	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80**	RODAC™	10
257381	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80**	RODAC™	100
257378	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80**	RODAC™	10
257382	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80**	RODAC™ SL	100
257427	**Trypticase™ Soy Agar**	RODAC™ SL	100
257471	**Trypticase™ Soy Agar**	90 mm	10
257473	**Trypticase™ Soy Agar**	90 mm	100
257474	**Trypticase™ Soy Agar, heavy fill**	90 mm	100
257475	**Trypticase™ Soy Agar, heavy fill**	90 mm	10
257373	**Trypticase™ Soy Agar**	150 mm	5
257377	**Trypticase™ Soy Agar**	150 mm	30
257472	**Trypticase™ Soy Agar with Lecithin and Ploysorbate 80**	90 mm	10
257478	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80, heavy fill**	90 mm	100
257470	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80**	90 mm	100
257477	**Trypticase™ Soy Agar with Lecithin and Polysorbate 80, heavy fill**	90 mm	10

2.2.5 Sterile Pack Swabs; Double wrapped / Gamma-irradiated

220518	**Sterile Pack Swab** Maximum sterility with double wrapped packaging, gamma-irradiation and performance validation. -Packaged 50 to a box, with 10 single wrapped swabs in each double wrapped pouch -Polypropylene tube is pre-filled with a 10 ml rinse solution -Simple sampling and transport, easy-to-use swab is fixed to the screw cap -Each lot comes with a Certificate of Analysis -ATP-free, Dacron™ swab -Saves time, no need to create your own media and swab/solution set in house -Convenient and cost-effective solution -One year shelf-life, at room temperature storage	200

2. PREPARED MEDIA

2.3 Bottled Media for Industrial Microbiology Applications

Cat. No.	Description	Bottle or Bag Type	Packaging
2.3.1 Agar in Bottles			
299906	**Potato Dextrose Agar (500 ml), phenolic cap, EP/USP** Potato dextrose Agar is used for the cultivation and enumeration of yeasts and molds.	syrup bottle, 660 ml	10
257336	**R2A Agar* (100 ml), screw cap** For enumeration of organisms in treated potable water.	syrup bottle, 150 ml	25
257104	**Sabouraud Glucose Agar* (250 ml), screw cap, CE, EP/USP** Used for the isolation and cultivation of fungi (yeast, molds, and dermatophytes) from clinical and non-clinical materials.	syrup bottle, 300 ml	12
257153	**Sabouraud Glucose Agar* (100 ml), screw cap/septum & hole, CE, EP/USP**	syrup bottle, 150 ml	25
257261	**Sabouraud Glucose Agar* (400 ml), screw cap, CE, EP/USP**	lab bottle, 500 ml with scale	4
256665	**Trypticase™ Soy Agar* (100 ml), screw cap, CE, EP/USP** General purpose medium which supports the growth of nonfastidious as well as moderately fastidious microorganisms.	syrup bottle, 250 ml	10
257105	**Trypticase™ Soy Agar* (250 ml), screw cap, CE, EP/USP**	syrup bottle, 300 ml	12
257106	**Trypticase™ Soy Agar* (500 ml), screw cap, CE, EP/USP**	syrup bottle, 500 ml	10
257240	**Trypticase™ Soy Agar* (400 ml), screw cap, CE, EP/USP**	lab bottle, 500 ml with scale	4
299099	**Trypticase™ Soy Agar* (500 ml), phenolic cap, EP/USP**	syrup bottle, 660 ml	10
2.3.2 Rinsing Fluids			
254961	**Fluid A* (400 ml), screw cap, USP** Diluting and rinsing fluid for sterility tests of pharmaceutical products according to the membrane filtration method.	lab bottle 500 ml, with scale	4
254965	**Fluid A (100 ml), twist-off, USP**	wide mouth jar, 150 ml	25
254979	**Fluid A* (300 ml), septum, USP**	infusion bottle, 500 ml	10
257510	**Fluid A* (600 ml), septum, USP**	infusion bottle, 1000 ml	4
257096	**Fluid A*(650 ml), septum, USP**	infusion bottle, 1000 ml	4
257263	**Fluid A*, Double wrapped (300 ml), septum, USP**	infusion bottle, 500 ml	10
257262	**Fluid A*, Double wrapped (300 ml), septum, USP**	infusion bottle, 1000 ml	4
257222	**Fluid A*, Double wrapped (650 ml), septum, USP**	infusion bottle, 1000 ml	4
257324	**Fluid A* (400 ml) septum, USP**	infusion bottle, 500 ml	10
257332	**Fluid A* (100 ml), septum, USP**	infusion bottle, 125 ml	25
290652	**Fluid A* (300 ml), phenolic cap, USP**	syrup bottle, 660 ml	10
290821	**Fluid A* (100 ml), septum, USP**	serum bottle, 100 ml	10
299111	**Fluid A (500 ml), phenolic cap, USP**	syrup bottle, 660 ml	10
257330	**Fluid A* (700 ml), septum, USP**	infusion bottle, 1000 ml	4
257223	**Fluid D*, Double wrapped (650 ml), septum, USP** 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% tween.	infusion bottle, 1000 ml	4
257241	**Fluid D* (300 ml), septum, USP**	infusion bottle, 500 ml	10
257299	**Fluid D* (300 ml), screw cap, USP**	syrup bottle, 500 ml	10
257437	**Fluid D*(870 ml), septum, USP**	infusion bottle, 1000 ml	4
290831	**Fluid D* (100 ml), septum, USP**	serum bottle, 100 ml	10
257536	**Fluid D* (300 ml), septum, USP**	infusion bottle, 500 ml	10

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Cat. No.	Description	Bottle or Bag Type	Packaging
	2.3.3 Broth in Bottles		
	2.3.3.1 Sterility Test Broth		
305211	**Blunt Filter Needle** Used for venting the bottles during incubation, e.g. TSB		**1000**
257144	**Fluid Thioglycollate Medium (20 ml), screw cap, CE , EP/USP** Used for the sterility testing of biologics and for the enrichment and cultivation of anaerobes, aerobes, and microaerophiles.	**vial, 30 ml**	**50**
299108	**Fluid Thioglycollate Medium* (100 ml), septum, EP/USP, clear solution**	**serum bottle, 100 ml**	**10**
257176	**Fluid Thioglycollate Medium* (100 ml), septum, EP/USP**	**infusion bottle, 100 ml**	**25**
299417	**Fluid Thioglycollate Medium* (100 ml), phenolic cap, EP/USP, clear solution**	**syrup bottle, 125 ml**	**10**
257155	**Fluid Thioglycollate Medium*(100 ml), screw cap, EP/USP**	**syrup bottle, 125 ml**	**25**
257143	**Fluid Thioglycollate Medium* (100 ml), screw cap/septum with hole, EP/USP**	**syrup bottle, 150 ml**	**25**
257317	**Fluid Thioglycollate Medium (100 ml), twist off, EP/USP, clear solution**	**wide mouth jar, 150 ml**	**25**
257422	**Fluid Thioglycollate Medium (100 ml), twist off, EP/USP, clear solution** Product surrounded by an additional bag inside the box - as opposed to 257317.	**wide mouth jar, 150 ml**	**25**
257407	**Fluid Thioglycollate Medium* (200 ml) septum, EP/USP, clear solution**	**infusion bottle, 250 ml**	**10**
257408	**Fluid Thioglycollate Medium* (300 ml) septum, EP/USP, clear solution**	**infusion bottle, 500 ml**	**10**
299112	**Fluid Thioglycollate Medium* (500 ml) phenolic cap, EP/USP, clear solution**	**syrup bottle, 660 ml**	**10**
257409	**Fluid Thioglycollate Medium* (500 ml) septum, EP/USP, clear solution**	**infusion bottle, 1000 ml**	**4**
257406	**Fluid Thioglycollate Medium* (600 ml) septum, EP/USP, clear solution**	**infusion bottle, 1000 ml**	**4**
257438	**Fluid Thioglycollate Medium* (870 ml) septum, EP/USP, clear solution**	**infusion bottle, 1000 ml**	**4**
257426	**Fluid Thioglycollate Medium*, (ETO) double wrapped (18 ml) septum, EP/USP, clear solution**	**infusion bottle, 30 ml**	**60**
257509	**Fluid Thioglycollate Medium* (500 ml) septum, EP/USP, clear solution**	**infusion bottle, 500 ml**	**10**
257485	**Fluid Thioglycollate Medium* (100 ml), twist-off, EP/USP, clear solution**	**wide mouth jar, 245 ml**	**10**
257212	**Fluid Thioglycollate Medium (ETO) double wrapped (100 ml), screw cap/septum with hole, EP/USP, clear solution**	**syrup bottle, 100 ml**	**48**
257370	**Fluid Thioglycollate Medium* (ETO) double wrapped (100 ml) septum, EP/USP clear solution**	**infusion bottle, 125 ml**	**44**
257246	**Fluid Thioglycollate Medium*, Special (100 ml), septum, EP/USP, clear solution**	**infusion bottle, 125 ml**	**25**
257249	**Fluid Thioglycollate Medium*, Special (100 ml), screw cap, EP/USP, clear solution**	**syrup bottle 125 ml**	**25**
257275	**Fluid Thioglycollate Medium*, Special (100 ml), screw cap, EP/USP, clear solution**	**syrup bottle, 150 ml**	**25**
257097	**Fluid Thioglycollate Medium*, Special (ETO) double wrapped (100 ml), septum, EP/USP, clear solution**	**infusion bottle, 125 ml**	**44**
257217	**Fluid Thioglycollate Medium*, Special, double wrapped (100 ml), septum, EP/USP, clear solution**	**infusion bottle, 125 ml**	**10**
257264	**Fluid Thioglycollate Medium*, Special, double wrapped (100 ml), septum, EP/USP clear solution**	**infusion bottle, 125 ml**	**10**
257219	**Fluid Thioglycollate Medium*, Special, double wrapped (340 ml), screw cap, EP/USP clear solution**	**lab bottle, 500 ml with scale**	**10**
257293	**Fluid Thioglycollate Medium*, Special, double wrapped (100 ml), twist-off, EP/USP clear solution**	**wide mouth jar, 245 ml**	**10**
292545	**Fluid Thioglycollate Medium*, (100 ml) septum, EP/USP, clear solution**	**serum bottle, 100 ml**	**10**

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2. PREPARED MEDIA

2.3 Bottled Media for Industrial Microbiology Applications

Cat. No.	Description	Bottle or Bag Type	Packaging
257540	**Fluid Thioglycollate Medium*, single wrapped (500 ml), septum, EP/USP** **clear solution**	infusion bottle, 500 ml	10
257206	**Fluid Thioglycollate with 1% Tween* (100 ml), screw cap/septum with hole,** Used for the sterility testing of biologics and for the enrichment and cultivation of anaerobes, aerobes, and microaerophiles. Tween is used for testing oils or materials containing lecithin	syrup bottle, 150 ml	25
257170	**Tryptic Soy Broth, modified* (100 ml), screw cap/septum with hole**	syrup bottle, 150 ml	25
257541	**Tryptic Soy Broth (90 ml), twist-off**	wide mouth jar, 380 ml	10
257423	**Trypticase™ Soy Broth (13 ml), septum, EP/USP**	infusion bottle, 100 ml	25
257107	**Trypticase™ Soy Broth (20 ml), screw cap, CE, EP/USP**	vial, 30 ml	50
257158	**Trypticase™ Soy Broth* (50 ml) , screw cap/septum with hole, EP/USP**	syrup bottle, 90 ml	25
257242	**Trypticase™ Soy Broth* (90 ml), septum, EP/USP**	infusion bottle, 250 ml	10
257488	**Trypticase™ Soy Broth* (90 ml) twist-off, EP/USP**	wide mouth jar, 245 ml	10
299107	**Trypticase™ Soy Broth* (100 ml), septum, EP/USP**	serum bottle 100 ml	10
257486	**Trypticase™ Soy Broth* (100 ml), twist-off, EP/USP**	wide mouth jar, 245 ml	10
257228	**Trypticase™ Soy Broth* (100 ml), screw cap, EP/USP**	syrup bottle 125 ml	25
257247	**Trypticase™ Soy Broth* (100 ml), septum, EP/USP**	infusion bottle, 125 ml	25
257159	**Trypticase™ Soy Broth* (100 ml), screw cap/septum with hole, EP/USP**	syrup bottle 150 ml	25
257276	**Trypticase™ Soy Broth* (100 ml), screw cap, EP/USP**	syrup bottle, 150 ml	25
257316	**Trypticase™ Soy Broth (100 ml), twist-off, EP/USP**	wide mouth jar, 150 ml	25
257424	**Trypticase™ Soy Broth (100 ml), twist-off, EP/USP** Product surrunded by an additional bag inside the box - as opposed to 257316.	wide mouth jar, 150 ml	25
257512	**Trypticase™ Soy Broth* (300 ml) double wrapped, screw cap, EP/USP**	lab bottle, 500 ml with scale	10
254967	**Trypticase™ Soy Broth (100 ml), twist-off, EP/USP**	wide mouth Jar 380 ml	10
257411	**Trypticase™ Soy Broth* (200 ml), septum, EP/USP**	infusion bottle, 250 ml	10
257412	**Trypticase™ Soy Broth* (300 ml) , septum, EP/USP**	infusion bottle, 500 ml	10
257160	**Trypticase™ Soy Broth* (500 ml), septum, EP/USP**	infusion bottle, 500 ml	10
299113	**Trypticase™ Soy Broth* (500 ml), phenolic cap, EP/USP**	syrup bottle, 660 ml	10
257413	**Trypticase™ Soy Broth* (500 ml), septum, EP/USP**	infusion bottle, 1000 ml	4
257414	**Trypticase™ Soy Broth* (600 ml), septum, EP/USP**	infusion bottle, 1000 ml	4
257436	**Trypticase™ Soy Broth* (870 ml), septum, EP/USP**	infusion bottle, 1000 ml	4
257203	**Trypticase™ Soy Broth (5 l), EP/USP**	serum bag, 5 l	2
257202	**Trypticase™ Soy Broth (10 l), EP/USP**	serum bag,10 l	1
257425	**Trypticase™ Soy Broth (ETO) double wrapped (12 ml) septum, EP/USP**	infusion bottle, 30 ml	60
257211	**Trypticase™ Soy Broth (ETO) double wrapped (50 ml), screw cap/septum with hole, EP/USP**	syrup bottle, 100 ml	48
257307	**Trypticase™ Soy Broth* (ETO) double wrapped (100 ml), septum, EP/USP**	infusion bottle, 125 ml	44
257371	**Trypticase™ Soy Broth* (ETO) double wrapped (100 ml), septum, EP/USP**	infusion bottle, 125 ml	44
257265	**Trypticase™ Soy Broth*, double wrapped (100 ml), septum, EP/USP**	infusion bottle, 125 ml	10
257213	**Trypticase™ Soy Broth*, double wrapped (100 ml), septum, EP/USP**	infusion bottle, 125 ml	10
257215	**Trypticase™ Soy Broth , double wrapped (250 ml), twist-off, EP/USP**	wide mouth jar, 380 ml	10
257197	**Trypticase™ Soy Broth*, double wrapped (800 ml), screw cap, EP/USP**	syrup bottle, 1000 ml	4

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2. PREPARED MEDIA

2.3 Bottled Media for Industrial Microbiology Applications

Cat. No.	Description	Bottle or Bag Type	Packaging
254963	**Trypticase™ Soy Broth*, double wrapped (800 ml), septum, EP/USP**	infusion bottle, 1000 ml	4
257161	**Trypticase™ Soy Broth*, double strength (50 ml), septum**	infusion bottle, 100 ml	25
254960	**Trypticase™ Soy Broth , double strength (50 ml), twist-off**	wide mouth jar 150 ml	25
257205	**Trypticase™ Soy Broth w/1% Tween* (100 ml), screw cap/spetum with hole**	syrup bottle, 150 ml	25
257294	**Trypticase™ Soy Broth, double wrapped* (100 ml), twist-off, EP/USP**	wide mouth jar, 245 ml	10
299416	**Trypticase™ Soy Broth (100 ml), phenolic cap, EP/USP**	syrup bottle, 125 ml	10

2.3.3.2 Other

305211	**Blunt Filter Needle** Used for venting the bottles during incubation, e.g. TSB		1000
254655	**Antibiotic Medium* 19 (250 ml), screw cap** 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
257238	**Buffered Peptone Water* (700 ml), screw cap** Used for determining the bactericidal activity of antiseptics and disinfectants based on neutralizing the chemical and detecting organims remaining after treatment.	syrup bottle, 1000 ml	4
256670	**Buffered Peptone Water* with 0.1% Tween (90 ml), septum** Used for *Salmonella* enrichment from materials with high lipid content or from materials containing preservatives.	infusion bottle, 250 ml	10
257086	**Buffered Sodium Chloride-Peptone Solution* pH 7.0 (100 ml), septum, EP/USP** Used for dissolving, suspending, and diluting test samples according to the European Pharmacopoeia (EP).	infusion bottle, 100 ml	25
257087	**Buffered Sodium Chloride-Peptone Solution* pH 7.0 (500 ml), septum, EP/USP**	infusion bottle, 500 ml	10
257483	**Buffered Sodium Chloride-Peptone Solution pH 7.0 with 0,1% Tween* (300 ml), screw cap**	syrup bottle, 500 ml	10
257114	**D/E Neutralizing Broth* (100 ml), screw cap** Used for determining the bactericidal activity of antiseptics and disinfectants based on neutralizing the chemical and detecting organims remaining after treatment.	syrup bottle, 125 ml	25
257450	**D/E Neutralizing Broth* (100 ml), twist off**	wide mouth jar, 245 ml	10
254959	**Enterobacteriaceae Enrichment Broth Mossel (100 ml), screw cap, EP/USP** Used for selectively enriching and detecting Enterobacteriaceae, particularly from foods.	syrup bottle, 125 ml	25
257135	**Enterobacteriaceae Enrichment Broth (100 ml) with Durham tube, twist off, EP/USP**	wide mouth jar, 212 ml	10
257267	**Inactivating Solution* (300 ml), septum**	infusion bottle, 500 ml	10
257268	**Inactivating Solution*, double wrapped (300 ml), septum**	infusion bottle, 500 ml	10
257199	**Iodine Solution (40 ml), screw cap, CE**	lab bottle, 50 ml with scale	1
257098	**Isopropyl Myristat (500 ml), septum** Used in cosmetic and topical medicinal preparations where good absorption through the skin is desired.	infusion bottle, 500 ml	10
256668	**Lactose Broth (90 ml), twist-off** Used for cultivating Salmonella and coliform organisms in water, foods, dairy and pharmaceutical products.	wide mouth jar, 212 ml	10
257100	**Lactose Broth* (90 ml), septum**	infusion bottle, 250 ml	10
254966	**Lactose Broth (100 ml), twist-off**	wide mouth jar, 380 ml	10
254962	**Lactose Broth double strength (100 ml), twist-off**	wide mouth jar. 380 ml	10
257269	**LB Broth*, Miller (450 ml), screw cap** Used for maintaining and propagating *Escherichia coli* in molecular microbiology procedures.	syrup bottle, 500 ml	10

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2.3 Bottled Media for Industrial Microbiology Applications

Cat. No.	Description	Bottle or Bag Type	Packaging
257243	**LB Broth*, Miller (850 ml), screw cap**	syrup bottle, 1000 ml	4
254964	**Letheen Broth, Modified (90 ml), twist-off** Used for microbiological testing of cosmetics.	wide mouth jar 380 ml	10
254963	**Letheen Broth, Modified (100 ml), twist-off**	wide mouth jar, 380 ml	10
257327	**Letheen Broth*, Modified (500 ml), screw cap**	lab bottle, 500 ml with scale	4
257325	**Letheen Broth, Modified (1000 ml), screw cap**	lab bottle, 1000 ml with scale	4
257326	**Letheen Broth 5% Tween 80, Modified (90 ml), twist-off**	wide mouth jar, 380 ml	10
257331	**Letheen Broth 5% Tween 80, Modified (100 ml), twist-off**	wide mouth jar, 380 ml	10
254957	**MacConkey Broth* with Durham tube (100 ml), screw cap, EP/USP** 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
215177	**MacConkey Broth* (100 ml), phenolic cap, EP/USP**	syrup bottle, 125 ml	10
257092	**Mueller Hinton Broth (900 ml) screw cap** 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	**Peptone Water* 0.1% (100 ml), septum** Used for a variety of diluting and rinsing procedures.	infusion bottle, 100 ml	25
257139	**Peptone Water* 0,1% (500 ml), screw cap**	syrup bottle, 500 ml	10
257078	**Peptone Water* 0.1% (500 ml), septum**	infusion bottle, 500 ml	10
257250	**Peptone Water 0.1%* (500 ml), septum**	infusion bottle, 500 ml	10
257457	**Peptone Water 0.1% with 1% Tween (150 ml), screw cap** Used for enrichment from materials with high lipid content or from materials containing preservatives	syrup bottle, 200 ml	10
257631	**Peptone Water, single wrap (400 ml), phenolic cap** Used for preenriching damaged *Salmonella* species from food specimens to increase recovery.	syrup bottle, 660 ml	10
257204	**Phosphate Buffered Saline (10 ml), screw cap, CE** Used in microbiological procedures that require an isotonic or buffered diluent.	vial, 15 ml	50
257385	**Phosphate Buffer* pH 7.2, stock solution (100 ml), septum, EP/USP**	infusion bottle, 100 ml	25
257257	**Rappaport-Vassiliadis Broth (10 ml), screw cap, CE** Is a liquid medium for selectively enriching *Salmonella* from meat and dairy products, feces and polluted water.	vial, 30 ml	50
257266	**Sterile Water, double wrapped (not for injection!) (400 ml), septum**	infusion bottle, 500 ml	10
257458	**Sterile Water* (500 ml), septum**	infusion bottle, 500 ml	10
257459	**Sterile Water* (50 ml), septum**	infusion bottle 500 ml	10
290721	**TAT Broth (90 ml), twist-off**	wide mouth jar, 225 ml	10
257170	**Trypticase™ Soy Broth*, modified (100 ml) screw cap/septum with hole**	syrup bottle, 150 ml	25

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2.4 Prepared Tubed Media

Cat. No.	Description	Bottle or Bag Type	Packaging
2.4.1 Saline Solution			
221818	**Saline, Normal, 5 ml** Saline, Normal (physiological) is used in procedures that require the use of an isotonic diluent.	**K**	**10**
221819	**Saline, Normal, 5 ml**	**K**	**100**
297753	**Saline, Normal, 10 ml**	**D**	**100**
2.4.2 Sterility Test			
221195	**Thioglycollate Medium, Fluid, 8 ml** Fluid Thioglycollate Medium (FTM) is used for the sterility testing of biologics and for the cultivation of anaerobes, aerobes and microaerophiles.	**K**	**10**
221196	**Thioglycollate Medium, Fluid, 8 ml**	**K**	**100**
292769	**Thioglycollate Medium, Fluid, 18 ml**	**A**	**100**
220888	**Thioglycollate Medium, Fluid, 20 ml**	**A**	**10**
221815	**Trypticase™ Soy Broth, 2 ml** 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	**Trypticase™ Soy Broth, 5 ml**	**K**	**10**
221716	**Trypticase™ Soy Broth, 5 ml**	**K**	**100**
221092	**Trypticase™ Soy Broth, 8 ml**	**K**	**10**
221093	**Trypticase™ Soy Broth, 8 ml**	**K**	**100**
292827	**Trypticase™ Soy Broth, 9 ml**	**K**	**100**
299936	**Trypticase™ Soy Broth, 10 ml**	**A**	**100**
297354	**Trypticase™ Soy Broth, 10 ml**	**D**	**100**
292770	**Trypticase™ Soy Broth, 18 ml**	**A**	**100**
297811	**Trypticase™ Soy Broth, 20 ml**	**A**	**10**
2.4.3 Other Tubed Media			
221828	**Acetamide Agar Slants** Acetamide Agar is used in the differentiation of nonfermentative gram-negative bacteria, particularly *Pseudomonas aeruginosa*.	**K**	**10**
297814	**Alkaline Peptone Water, 8 ml** Is an enrichment medium used for the cutlivation of *Vibrio* species from feces and other infected materials.	**D**	**10**
296125	**Brain Heart Infusion Agar 10% Sheep Blood, Slant** 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 molds. With the addition of 5% or 10% sheep blood, it is used for the isolation and cultivation of a wide variety of fungal species, including systemic fungi, from clinical and nonclinical sources.	**K**	**10**
297640	**Brain Heart Infusion with 0.1% Agar** General purpose medium for cultivation of fastidious and nonfastidious microorganisms, epsecially anaerobic bacteria.	**D**	**100**
221812	**Brain Heart Infusion Broth, 5 ml** 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**	**10**

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2.4 Prepared Tubed Media

Cat. No.	Description	Tube Type	Packaging
221813	**Brain Heart Infusion Broth, 5 ml**	K	100
220837	**Brain Heart Infusion Broth, 8 ml**	K	100
297200	**Brain Heart Infusion Broth with Fildes Enrichment, 9 ml**	K	10
221785	**Brain Heart Infusion Broth with 6.5% Sodium Chloride** BHI with 6.5% Sodium Chloride is used to differentiate the enterococci (e.g., *E. faecalis, E. faecium, E. durans* and *E. avium*) from the nonenterococcal species (*S. bovis* and *S. equinus*) by the 6.5% salt tolerance test.	K	10
295757	**Brain Heart Infusion CC Agar with 10% Sheep Blood and Gentamicin** Brain Heart Infusion (BHI) Agar is recommended as a general-purpose medium for aerobic bacteriology and for the primary recovery of fungi from clinical specimens. With 10% sheep blood, it is used to isolate systemic fungi that may grow poorly on the nonenriched medium. The presence of the antimicrobial agents, cycloheximide and/or chloramphenicol and, in modified formulations, gentamicin, penicillin and streptomycin, inhibits the growth of a wide variety of bacteria and fungi and enhances the isolation of pathogenic fungal species.	C	100
221409	**Bile Esculin Agar Slants** Bile Esculin Agar is used to differentiate enterococci and the *Streptococcus bovis* group from other streptococci.	K	10
221410	**Bile Esculin Agar Slants**	K	100
220830	**Blood Agar Slants (Trypticase™ Soy Agar with Defibrinated Sheep Blood Slants)** 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	**Campylobacter Thioglycollate Medium with 5 Antimicrobics** Campylobacter Thioglycollate Medium with 5 Antimicrobics is recommended as a holding medium for samples suspected to contain *Campylobacter jejuni* subsp. *jejuni* when immediate inoculation of Campylobacter Agar with 5 Antimicrobics and 10% Sheep Blood cannot be performed.	K	10
295872	**Chocolate II Agar Slants (GC II Agar with Hemoglobin and IsoVitalex™)** Chocolate II Agar is an improved medium for use in qualitative procedures for the isolation and cultivation of fastidious microorganisms, especially *Neisseria* and *Haemophilus* species, from a variety of clinical specimens.	K	10
297307	**Chopped Meat Carbohydrate Broth, PR II, 5 ml** Chopped Meat Carbohydrate Broth, PR II and Chopped Meat Glucose Broth, PR II are pre-reduced media used in the enrichment, cultivation and maintenance of anaerobic microorganisms, particularly obligate anaerobes.	K	10
221507	**Cooked Meat Medium, 8 ml** For the cultivation of anaerobic bacteria, especially pathogenic clostridia.	K	10
221508	**Cooked Meat Medium, 8 ml**	K	100
295982	**Cooked Meat Medium with Glucose, Hemin and Vitamin K1, 9 ml** Cooked Meat Medium and the enriched medium are used for the cultivation of anaerobes, especially pathogenic clostridia. Also recommended as a subculture medium for anaeroibic isolates to be examined by gas liquid chromatography.	K	10
221631	**Cystine Trypticase™ Agar (CTA) Medium, 8 ml** A culture medium for the maintenance of microorganisms. It is also used for the detection of bacterial motility and, with added carbohydrate, for fermentation reactions of fastidious microorganisms, i.e., *Neisseria*, pneumococci, streptococci and nonsporeforming anaerobes.	K	10
221633	**Cystine Trypticase™ Agar (CTA) Medium™ with Dextrose, 8 ml**	K	10
221635	**Cystine Trypticase™ Agar (CTA) Medium™ with Lactose, 8 ml**	K	10
221637	**Cystine Trypticase™ Agar (CTA) Medium™ with Maltose, 8 ml**	K	10
298318	**D/E Broth, 9 ml** 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.	A	100

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Cat. No.	Description	Tube Type	Packaging
299701	**Dermatophyte Test Medium (DTM) Slants, Modified with Chloramphenicol** Dermatophyte Test Medium (DTM) is a selective and differential medium used for the detection and presumptive identification of dermatophytes from clinical and veterinary specimens. Because of the unavailability of one of the inhibitory agents, chlortetracycline, Dermatophyte Test Medium (DTM), Modified with Chloramphenicol is recommended as a substitute for the original DTM formation.	C	10
295697	**Dubos Broth, Enriched, 5 ml** Used for the cultivation of pure cultures of *Mycobacteria* especially, *M. tuberculosis*.	K	10
221383	**Enterococcosel™ Broth (Bile Esculin Broth with Azide) 2.5 ml** BD Enterococcosel™ Broth is a selective medium for the cultivation and differentiation of enterococci.	K	10
221381	**Enterococcosel™ Agar Slant (Bile Esculin Agar with Azide) 4.7 ml** Used for the rapid, selective detection and enumeration of enterococci .	K	10
221729	**GN (Gram-Negative) Broth, 8 ml** Gram-Negative (GN) Broth is a selective enrichment medium for the cultivation of *Salmonella* and *Shigella*.	K	10
221730	**GN (Gram-Negative) Broth, 8 ml**	K	100
221966	**Haemophilus Test Medium Broth, 10 ml** HTM Broth is intended for use in dilution antimicrobial susceptibility testing of *Haemophilus influenzae* as described in the Approved Standard M7, published by the National Committee for Clinical Laboratory Standards (CLSI, formerly NCCLS).	K	10
222240	**Herrold Egg Yolk Agar Slants without Mycobactin J and ANV** Used for the selective isolation and differentiation of mycobacteria other than *Mycobacterium* para-tuberculosis. ANV (amphotericin, nalidixic acid and vancomycin) inhibits contamination. *M. paratu-berculosis* is unable to grow on media lacking Mycobactin J.	C	10
222241	**Herrold Egg Yolk Agar Slants without Mycobactin J and ANV**	C	100
222232	**Herrold Egg Yolk Agar Slants with Mycobactin J and ANV** Used for the selective isolation and differentiation of *Mycobacterium paratuberculosis*. ANV (ampho-tericin, nalidixic acid and vancomycin) inhibits contamination and Mycobactin J is a growth factor for *M. paratuberculosis*.	C	10
222233	**Herrold Egg Yolk Agar Slants with Mycobactin J and ANV**	C	100
221889	**Jordan's Tartrate Agar Deeps, Tube, 5 ml** Used as an aid in the identification of members of the *Enterobacteriaceae* on the basis of tartrate utilization.	K	10
220896	**Kligler Iron Agar (KIA) Slants** Kligler Iron Agar is used for the differentiation of members of the *Enterobacteriaceae* family based on of their ability to ferment dextrose and lactose and to liberate sulfides.	K	10
220897	**Kligler Iron Agar (KIA) Slants**	K	100
298502	**Lactose Broth with Durham Tube, 10 ml, double strength** Medium for the detection of coliform organisms. The double strength medium is for testing 10 quantities of samples.	A	100
221248	**Lauryl Sulfate Broth with Durham Tube, 10 ml, double strength** Used for the detection of coliform organisms in materials of sanitary importance.	A	100
215188	**Letheen Broth, Modified, 9 ml** For the microbiological testing of cosmetics.	D	100
296266	**Lim Broth (Todd Hewitt with CNA), 5 ml** Lim Broth us used for the selective enrichment of group B streptococci (*Streptococcus agalactiae*), especially from genital specimens.	K	100
220501	**Lowenstein Jensen with PACT and Glycerol** Used for the isolation and cultivation of mycobacteria.	A	10
220502	**Lowenstein Jensen with PACT and Glycerol**	A	100

Cat. No.	Description	Tube Type	Packaging
221115	**Lowenstein Jensen Medium, Mycoflask™** Loewenstein-Jensen Medium is used for the cultivation of *Mycobacterium tuberculosis* and other Mycobacteria. Deeps are used for semi-qualitative Catalase Test.		10
221257	**Lowenstein-Jensen Medium Deeps**	A	10
220908	**Lowenstein-Jensen Medium Slants**	A	10
220909	**Lowenstein-Jensen Medium Slants**	A	100
221387	**Lowenstein-Jensen Medium Slants**	C	10
221388	**Lowenstein-Jensen Medium Slants**	C	100
221896	**Lowenstein-Jensen Medium Slants with 5% Sodium Chloride, 7 ml** L-J Medium Slants with 5% NaCl are intended for the isolation and cultivation of mycobacteria that can tolerate 5% sodium chloride.	C	10
220952	**Lysine Iron Agar (LIA) Slants** Used for the differentiation of enteric organisms based on their ability to decarboxylate or deaminate lysine and to form hydrogen sulfide.	K	10
220953	**Lysine Iron Agar (LIA) Slants**	K	100
297684	**MacConkey II Agar with Sorbitol Deeps, 20 ml** Used as a selective and differential medium for the detection of *Escherichia coli* serotype O157:H7 associated with hemorrhagic colitis.	A	10
221322	**Malonate Broth (Ewing Modified)** Malonate Broth, as modified by Ewing, is used for the differentiation of coliforms and other enteric organisms.	K	10
297298	**McFarland Turbidity Standard No. 0.5** McFarland standards are used as turbidity standards in the preparation of suspensions of micro-organisms. The McFarland 0.5 standard has particular application in the preparation of bacterial inocula for performing antimicrobial susceptibility testing.	K	10
221832	**Middlebrook 7H9 Broth with Glycerol, 5 ml** Middlebrook 7H9 Broth with Glycerol is a supplemented medium which supports the growth of mycobacteria, including *M. tuberculosis*. It is used primarily for growth of pure cultures of myco-bacteria for use in laboratory studies.	K	10
220958	**Middlebrook and Cohn 7H10 Agar Slants** Middlebrook and Cohn 7H10 Agar is used in qualitative procedures for the isolation and cultivation of mycobacteria.	A	10
220959	**Middlebrook and Cohn 7H10 Agar Slants**	A	100
297396	**Middlebrook and Cohn 7H10 Agar Slants**	C	100
221958	**Middlebrook 7H11 Agar Slants with Aspartic Acid and Sodium Pyrurate** Aspartic acid and sodium pyrurate are to enhance growth in niacin production.	A	10
221661	**Moeller Decarboxylase Broth with Lysine, 5 ml** 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
221662	**Moeller Decarboxylase Broth with Lysine, 5 ml**	K	100
221663	**Moeller Decarboxylase Broth with Ornithine, 5 ml**	K	10
221517	**Motility Indole Ornithine (MIO) Deeps, 5 ml**	K	10
221518	**Motility Indole Ornithine (MIO) Deeps, 5 ml** Motility Indole Ornithine (MIO) Medium is used to demonstrate motility, indole production and ornithine decarboxylase activity for the differentiation of *Enterobacteriaceae*.	K	100
221509	**Motility Test Medium** Motility Test Medium is a semisolid medium used for the detection of motility of gram-negative enteric bacilli.	K	10

Cat. No.	Description	Tube Type	Packaging
297220	**Mueller Hinton Broth, 5 ml** Mueller Hinton Broth (Not cation-adjusted). A general purpose medium that may be used the cultivation of a wide variety of fastidious and nonfastidious microorganisms. This medium is not supplemented with calcium or magnesium ions.	C	10
297701	**Mueller Hinton II Broth (Cation-Adjusted), 5 ml** Mueller Hinton II Broth (Cation-Adjusted) 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 CLSI Standard, formerly NCCLS, M7.	K	10
220966	**Mycosel™ Agar Slants** BD Mycosel™ Agar is a highliy 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
220971	**Nutrient Agar Slants** 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	**Nutrient Broth, 5 ml** Nutrient Broth is used for the cultivation of many species of nonfastidious microorganisms.	K	10
221326	**OF Basal Medium, 5 ml** 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	**OF Basal Medium with Dextrose**	K	10
221329	**OF Basal Medium with Dextrose**	K	100
221389	**Petragnani Medium Slants** Used in qualitative procedures for the isolation and cultivation of mycobacteria from clinical specimens.	C	10
221677	**Phenol Red Broth with Dextrose and Durham Tube** Phenol Red Broth Base, when supplemented with an appropriate carbohydrate, is used to determine the fermentation activities of microorganisms.	K	10
221705	**Phenol Red Broth with Xylose and Durham Tube**	K	10
221342	**Phenylalanine Agar Slants** 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	**Rappaport-Vassiliadis R10 Broth, 10 ml** Used for selectively enriching *Salmonella* from meat and dairy products, feces and sewage polluted water.	K	100
221891	**Rapid Fermentation Medium, Dextrose** Used for the differentiation of *Neisseria* species based upon their carbohydrate fermentation.	K	10
221893	**Rapid Fermentation Medium, Lactose**	K	10
221894	**Rapid Fermentation Medium, Maltose**	K	10
221895	**Rapid Fermentation Medium, Sucrose**	K	10
297252	**Sabouraud Brain Heart Infusion Agar, with Chlorampenicol and Gentamicin, 7 ml** 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	**Sabouraud Dextrose Agar Deeps, 20 ml** Sabouraud Dextrose Agar is used in qualitative procedures for cultivation of pathogenic and nonpathogenic fungi, particularly dermatophytes.	A	100
221012	**Sabouraud Dextrose Agar Slants, 10 ml** Sabouraud Dextrose Agar is used for the cultivation of dermatophytes.	A	10

2. PREPARED MEDIA

2.4 Prepared Tubed Media

Cat. No.	Description	Tube Type	Packaging
221013	**Sabouraud Dextrose Agar Slants, 10 ml**	A	100
221825	**Sabouraud Dextrose Agar Slants with Chloramphenicol** 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.	C	100
297649	**Sabouraud Dextrose CC Agar Slants with Chloramphenicol and Cycloheximide** Sabouraud Dextrose Agar with Chloramphenicol and Cycloheximide; Used in qualitative procedures for the cultivation of dermatophytes and other pathogenic and nonpathogenic fungi from clinical and nonclinical specimens.	A	10
221014	**Sabouraud Liquid Broth, Modified / Antibiotic Assay Medium #13** Sabouraud Liquid Broth is used for the cultivation of yeasts and molds.	K	10
221818	**Saline, Normal, 5 ml** Saline, Normal (physiological) is used in procedures that require the use of an isotonic diluent.	K	10
221819	**Saline, Normal, 5 ml**	K	100
297753	**Saline, Normal, 10 ml**	D	100
221541	**Schaedler Broth with Vitamin K1** Used for the cultivation of fastidious aerobic and anaerobic microorganisms.	K	10
221542	**Schaedler Broth with Vitamin K1**	K	100
292766	**Selenite Cystine Broth, 8 ml** Used as an enrichment medium for the isolation of *Salmonella* from fecal, urine, water, and food samples.	K	100
297711	**Selenite Cystine Broth, 20 ml**	A	100
221020	**Selenite-F Broth, 8 ml** Used as an enrichment medium for the isolation of *Salmonella* from fecal, urine, water, and food samples.	K	10
221021	**Selenite-F Broth, 8 ml**	K	100
221024	**Serum Tellurite Agar Slants** Serum Tellurite Agar is a selective and differential medium used for isolation of members of the genus *Corynebacterium*, particularly in the laboratory diagnosis of diphtheria.	K	10
221391	**Seven H11 Agar Slants** The media is used in qualitative procedures for isolation and cultivation of mycobacteria.	A	10
221958	**Seven H11 Agar Slants with Aspartic Acid and Sodium Pyruvate** Used for isolation and identification of nonchromogenic mycobacteria, especially *M. tuberculosis*	A	10
221712	**SF Broth, 5.3 ml** Used for the differentiation of *Enterococcus* species from the *Streptococcus bovis* group and other streptococci.	K	100
221010	**SIM (Sulfide-Indole-Motility) Medium, 8 ml** SIM (Sulfide, Indole, Motility) Medium is used to differentiate enteric bacilli on the basis of sulfide production, indole formation and motility.	K	10
221011	**SIM (Sulfide-Indole-Motility) Medium, 8 ml**	K	100
221026	**Simmons Citrate Agar Slants** Simmons Citrate Agar is used for the differentiation of gram-negative bacteria on the basis of citrate utilization.	K	10
221030	**Standard Methods Agar (APHA) Deeps** Standard Methods Agar (Plate Count Agar; Tryptone Glucose Yeast Agar) is used for obtaining microbial plate counts from milk and dairy products, foods, water and other materials of sanitary importance.	A	10
298249	**Tetrathionate Broth Base, 10 ml** Tetrathionate Broth Base, with added iodine-iodide solution, is used as a selective enrichment medium for the isolation of *Salmonella* from feces, urine, foods and other materials of sanitary importance.	D	10

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Cat. No.	Description	Tube Type	Packaging
297264	**Thioglycollate Medium, Enriched, with Calcium Carbonate, Vitamin K1 and Hemin, 10 ml** Enriched Thioglycollate Medium with Calcium Carbonate is a general-purpose medium used in qualitative procedures for the cultivation of fastidious as well as nonfastidious microorganisms, including aerobic and anaerobic bacteria, from a variety of clinical and nonclinical materials. It is also recommended for the maintenance of stock cultures.	D	100
221798	**Thioglycollate Medium without Indicator, 135C, 10 ml** Thioglycollate Medium without Indicator (135C) is an enriched general-purpose medium for the recovery of a wide variety of microorganisms, particularly obligate anaerobes, from clinical specimens and other materials.	D	100
221787	**Thioglycollate Medium, Enriched, with Vitamin K1 and Hemin, 8 ml** 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	10
221788	**Thioglycollate Medium, Enriched, with Vitamin K1 and Hemin, 8 ml**	K	100
297642	**Thioglycollate Medium, Enriched, with Vitamin K1 and Hemin, 9 ml**	K	100
221195	**Thioglycollate Medium, Fluid, 8 ml** Fluid Thioglycollate Medium (FTM is used for the sterility testing of biologics and for the cultivation of anaerobes, aerobes and microaerophiles.	K	10
221196	**Thioglycollate Medium, Fluid, 8 ml**	K	100
221713	**Todd Hewitt Broth, 5 ml** Todd Hewitt Broth is a general-purpose medium, which primarily is used for the cultivation of beta-hemolytic streptococci, especially for serological studies.	K	10
221714	**Todd Hewitt Broth, 5 ml**	K	100
299486	**Todd Hewitt Broth, with Gentamicin and Nalidixic Acid, 5 ml** Todd Hewitt Broth with Gentamicin and Nalidixic Acid is used for the selective enrichment of group B streptococci (*Streptococcus agalactiae*), especially from genital specimens.	K	100
298323	**Trichosel™ Broth, Modified, with 5% Horse Serum, 1.9 ml** Trichosel™ Broth, Modified is used for the isolation and cultivation of *Trichomonas* species.		
221082	**Trypticase™ Soy Agar Deeps / Blood Agar Base, 20 ml**	A	10
297941	**Trypticase™ Soy Agar II Deeps, 20 ml** Trypticase™ Soy Agar (TSA) is used for the isolation and cultivation of nonfastidious and fastidious microorganisms.	A	100
221086	**Trypticase™ Soy Agar Slants**	K	10
221087	**Trypticase™ Soy Agar Slants**	K	100
215196	**Trypticase™ Soy Broth with Lecithin and Polysorbate 80, 10 ml** 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	**Trypticase™ Soy Broth with 20% Glycerol, 1.5 ml** Trypticase™ Soy Broth with 20% Glycerol, is used for stock culture preservation.	K	100
221351	**Trypticase™ Soy Broth with 6.5% Sodium Chloride** BD Trypticase™ Soy Broth with 6.5% Sodium Chloride is used to differentiate *Enterococcus* spp. from the *Streptococcus bovis* group of streptococci.	K	100
221815	**Trypticase™ Soy Broth, 2 ml** 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 nonclinical specimens.	K	100
221715	**Trypticase™ Soy Broth, 5 ml**	K	10
221716	**Trypticase™ Soy Broth, 5 ml**	K	100
221092	**Trypticase™ Soy Broth, 8 ml**	K	10

2. PREPARED MEDIA

2.4 Prepared Tubed Media

Cat. No.	Description	Tube Type	Packaging
221093	**Trypticase™ Soy Broth, 8 ml**	K	100
297354	**Trypticase™ Soy Broth, 10 ml**	D	100
297811	**Trypticase™ Soy Broth, 20 ml**	A	10
221038	**TSI Agar Slants (Triple Sugar Iron Agar)** Triple Sugar Iron Agar is used for the differentiation of gram-negative enteric bacilli based on carbohydrate fermentation and production of hydrogen sulfide.	K	10
221039	**TSI Agar Slants (Triple Sugar Iron Agar)**	K	100
221100	**Urea Agar Base Concentrate (10X)** Urea Agar is used for the differentiation of organisms, especially the *Enterobacteriaceae*, 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	**Urea Agar Slants, complete (Christensen)** Used for the differentiation of enteric bacilli.	K	10
221097	**Urea Agar Slants, complete (Christensen)**	K	100
298330	**Urea Broth, Rapid, Tube, 0.5 ml** Used for the presumptive identification of *Helicobacter pylori* in gastric antral biopsy specimens.	Vial	10
221098	**Urease Broth Concentrate (10X), 10 ml** Filter sterilized 10 times concentrated solution is for preparing Urea Test Broth in the user's lab.	K	10
221719	**Urease Test Broth (Stuart's), 3 ml** For the differentiation of organisms, especially the *Enterobacteriaceae*, on the basis of urease production.	K	10
297345	**Water sterile, 5 ml** Sterile Water may be used in laboratory procedures; e.g., preparation of dilutions of reagents and suspensions of microorganisms.	K	100

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3. Environmental Monitoring Systems

3.1 Gas Generating Systems

Environmental Systems

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_2 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_2 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!

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3. ENVIRONMENTAL SYSTEMS

3.1 Gas Generating Sustems

Cat. No.	Description	Packaging
	GasPak™ EZ Container System	
	Containers and racks	
260002	**GasPak™ EZ Small Incubation Container (10 plates) coming soon**	**1 container**
260003	**GasPak™ EZ Small Incubation Container Rack (10 plates) coming soon**	**1 rack**
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**
	Sachets	
260678	**GasPak™ EZ Anaerobe Container System Sachets**	**20**
260680	**GasPak™ EZ Campy Container System Sachets**	**20**
260679	**GasPak™ EZ CO_2 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™ Pouch System (contains all components)

Pouch capacity:

1 - 4 petri dishes for anaerobic pouch
1 - 2 petri dishes for CO_2 and 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_2 Pouch System**	**20**

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4. Stains & Reagents

4.1 Gram Stains (Kits)

4.2 Stains and Indicators

4.3 Droppers

4.4 Reagents, Buffers and Enzymes

Difco™ / BBL™ Stains, Droppers and Indicators

Within our new, state-of-the-art ISO 9000 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 and acid-fast staining procedures. 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 containers.

4-Step Gram Stain Kit
Available with Stabilized/Unstabilized Iodine.

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

Diagnostic Reagents and Adjuvants

BBL™ Diagnostic Reagent and Stain 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. BBL™ Diagnostic Reagent Droppers include Oxidase Reagent, Indole Reagent, DMACA Indole Reagent, Ferric Chloride Reagent, PYR Reagent, Ninhydrin Reagent, Nitrate A and B Reagents, Voges-Proskauer A and B Reagents, Desoxycholate Reagent, 10% Potassium Hydroxide Reagent, Acridine Orange Reagent, Dobell and O'Connor's Iodine Stain, Lactophenol Cotton Blue Stain, India Ink, Calcofluor White and Evans Blue Droppers. 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 feature 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.

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4. STAINS AND REAGENTS

Cat. No.	Description	Packaging	Quantity
	4.1 Gram Stains (Kits)		
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
	4.2 Stains and Indicators		
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
	4.3 Droppers		
261182	Acridine Orange	50	0.5 ml
261195	Calcofluor White	50	0.5 ml
261203	Catalase Reagent	50	0.5 ml
261183	Desoxycholate	50	0.5 ml
261187	DMACA Indole	50	0.5 ml
261189	Dobell and O'Connor's Iodine	50	0.5 ml
261190	Ferric Cloride	50	0.5 ml
261206	Flagella Stain	50	0.5 ml

4. STAINS AND REAGENTS

Cat. No.	Description	Packaging	Quantity
261194	India Ink	50	0.5 ml
261185	Indole	50	0.5 ml
261188	Lactophenol Cotton Blue	50	0.5 ml
261204	Methylene Blue, Loeffler	50	0.5 ml
261201	Ninhydrin	50	0.5 ml
261197	Nitrate A	50	0.5 ml
261198	Nitrate B	50	0.5 ml
261181	Oxidase	50	0.5 ml
261191	Potassium Hydroxide 10%	50	0.5 ml
261196	PYR Reagent	50	0.5 ml
261192	Voges-Proskauer A	50	0.5 ml
261193	Voges-Proskauer B	50	0.5 ml

4.4 Reagents, Buffers and Enzymes

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
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
243110	Lipase Reagent	6	20 ml
264010	M. Butyricum, Desiccated	6	100 mg
231141	M. Tuberculosis H37 Ra, Desiccated	6	100 mg
234610	Penicillinase Concentrate (20,000 L.U./ml/min)	6	20 ml
234630	Penicillinase Concentrate (20,000 L.U./ml/min)	6	100 ml
234620	Penicillinase Concentrate, (20,000 L.U./ml/min)	1	100 ml
234510	Penicillinase (2,000 L.U./ml/min)	6	20 ml
215110	Pepsin 1:10,000	1	500 g
215240	Trypsin 1:250	1	100 g
215250	Trypsin 1:250	1	500 g

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5. Identification and Quality Control Products

5.1 BBL™ Crystal™ Identification Systems

5.2 Enterotube™ II and Oxi/Ferm™ Tube II

5.3 BBL™ Dryslide™

5.4 Automated ID with BD Phoenix™

5.4.1 BD Phoenix™ Instrument

5.4.2 BD Phoenix™ Reagents

5.5 Automated ID with BD MAX™

5.5.1 BD MAX™ System

5.5.2 BD MAX™ Reagent Strips

5.6 Microtrol™ Quality Control Organisms

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Identification

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.

Identification Systems

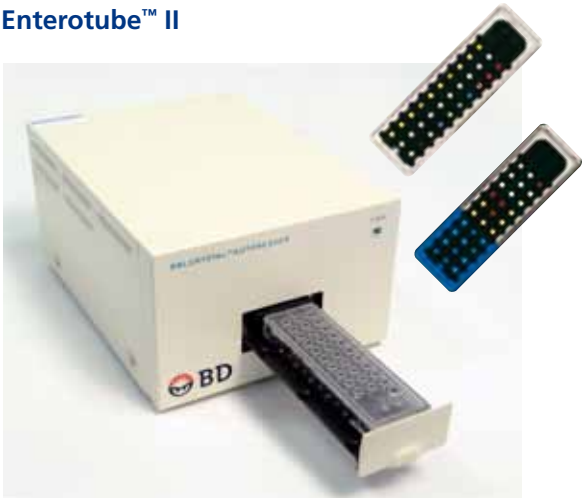
BBL™ BD Crystal™ Identification Systems

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 with the BBL™ Crystal™ Panel Viewer or the BBL™ Crystal™ AutoReader.

Enterotube™ II



BBL Enterotube II is a ready-to-use identification system for the identification of *Enterobacteriaceae* and a variety of other oxidase negative gram-negative rods isolated from clinical specimens belong to 20 to 25 species that are well-known for many years. BBL Enterotube II is a self-contained, compartmentalized plastic tube containing twelve different media that allow the determination of 15 biochemical reactions. The enclosed inoculating wire allows inoculation of all compartments in one step from one or a few single colonies of an isolate. The resulting combination of reactions, together with the Interpretation Guide (codebook), allow identification of clinically significant Enterobacteriaceae.

Oxy/Ferm™ Tube II Prepared multimedia Tube

BBL Oxi/Ferm™ Tube II is a ready-to-use identification system for fermentative, oxidase positive and for nonfermentative gram-negative bacteria isolated from clinical specimens. BBL Oxi/Ferm™ Tube II is a self-contained, compartmentalized plastic tube containing twelve different media that allow the determination of 14 biochemical reactions. The enclosed inoculating wire allows inoculation of all compartments in one step from one or a few single colonies of an isolate. After 48 hours of incubation, the results are read and all positive reactions are recorded then located in the BBL Oxi/Ferm™ Tube II Biocode Manual to identify the organisms.

BBL™ DrySlide™

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.

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BD Phoenix™ Automated Microbiology System

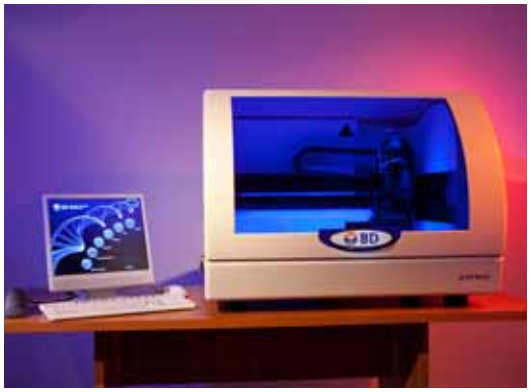
The BD Phoenix™ Automated Microbiology System combines world class automation with state-of-the-art microbiology to deliver rapid, accurate identification of clinically relevant bacteria. Phoenix™ panels are currently available for identification of gram-positive and gram-negative bacteria. Phoenix™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

The BD Phoenix™ 100 instrument is easy-to-use and can perform up to 100 tests simultaneously.

BD MAX™ Fully Automated Bench-Top System for Molecular Diagnostics

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

DNA and/or RNA extracts from various specimen types can be processed. Allows real-time PCR using both IVD and "home brew/in house" assays afterwards. All these steps are handled in one versatile system. Works with unitized reagent strips and microfluidic PCR cartridges for optimal sustainability. Provides a capacity from 1 – 24 samples in one single run.



The BD MAX™ benchtop system

Reagent strips

Microfluidic PCR cartridge

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 10^6 - 10^9 organisms in each disc.

Quality control of bacterial growth media.

5. IDENTIFICATION AND QUALITY CONTROL PRODUCTS

Cat. No.	Description	Packaging

5.1 BBL™ BD Crystal™ Identification Systems

245015	**CrystalSpec™ Standards** Set of calibration standards for the Crystal™ Nephelometer	**1**
245010	**Crystal™ Anaerobe ID Kit** 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.	**20 tests**
245000	**Crystal™ Enteric/Nonfermenter ID Kit** The BBL Crystal Enteric/Nonfermenter (E/NF) Identification (ID) System is for the identification of aerobic gram-negative, bacteria that belong to the famliy of *Enterobacteriaceae* as well as some of the more frequently isolated glucose fementing 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.	**20 tests**
245140	**Crystal™ Gram-Positive ID Kit** 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.	**20 tests**
245150	**Crystal™ Rapid Gram-Positive ID Kit** 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.	**20 tests**
245130	**Crystal™ Neisseria/Haemophilus ID Kit** 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 *Neisseria* and *Haemophilus* 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.	**20 tests**
245038	**Crystal™ Inoculum Broth**	**10**
245029	**Crystal™ Enteric/Stool ID Inoculum Fluid**	**10**
245016	**Crystal™ Color Chart**	**1**
245300	**Crystal™ AutoReader** BBL Crystal AutoReader for consistent and reproducible results without subjective interpretation.	**1**
245032	**Crystal™ Panel Viewer, 220V**	**1**
245302	**Crystal™ Reference Panel Autoreader**	**1**
441010	**Crystal™ MIND V5.03 Software**	**1**
440910	**Phoenix™Spec Nehpelometer**	**1**
440911	**Phoenix™ Spec Calibrator Kit**	**1**

5.2 BD Enterotube™ II and Oxi/Ferm™ Tube II

4373591	**Enterotube™ II Codebook** BBL Enterotube II is a ready-to-use identification system for the identification of Enterobacteriaceae and a variety of other oxidase negative gram-negative rods.	**1**
273176	**Enterotube™ II Prepared multimedia Tube**	**25**
212116	**Oxy/Ferm™ Tube II Prepared multimedia Tube** BBL Oxi/Ferm™ Tube II is a ready-to-use identification system for fermentative, oxidase positive and for nonfermentative gram-negative bacteria isolated from clinical specimens.	**25**

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Cat. No.	Description	Packaging

5.3 BBL™ Dryslide™

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.
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

231748	**DrySlide™ Indole** A disposable slide impregnated with 5% p-dimethylaminobenzaldehyde (DMABA) for the rapid "spot" identification of indole producing bacteria from primary culture.	**75**
231749	**DrySlide™ Nitrocefin** A disposable slide impregnated with nitrocefin for the rapid qualitative detection of beta-lactamase producing bacteria.	**25**
231746	**DrySlide™ Oxidase** A disposable slide coated with oxidase reagent (N1N1N'1N'-tetramethyl-p-phenylenediamine dihydrochloride).	**75**
231747	**DrySlide™ PYR kit** a disposable slide format for the presumptive identification of group A streptococci and enterococci.	**15**

5.4 Automated ID with BD Phoenix™

5.4.1 BD Phoenix™ Instrument

448100	**Phoenix™ 100 Instrument** 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	**1**
448099	**Phoenix™ 100 Table**	**1**
448027	**Phoenix™ Earthquake Mounting Kit**	**1**
448025	**Phoenix™ 25 µL Pipettor**	**1**
448030	**Phoenix™ Inoculation Station**	**5**
448020	**Phoenix™ Panel Caddy**	**2**
448028	**Phoenix™ Pipette Stand**	**1**
448984	**Phoenix™ Temperature Panel**	**1**
440911	**Phoenix™ Spec -Calibration Standards**	**1**
440910	**Phoenix™ Spec -Nephelometer**	**1**

5.4.2 BD Phoenix™ Reagents

448007	**Phoenix™ Gram-negative ID (Identification) Panel**	**25**
448008	**Phoenix™ Gram-positive ID (Identification) Panel**	**25**
246001	**Phoenix™ ID Broth, 4,5 ml**	**100**
448045	**Phoenix™ Panel Closure**	**100**
448037	**Phoenix™ Pipette Tips**	**1632**

5. IDENTIFICATION AND QUALITY CONTROL PRODUCTS

Cat. No.	Description	Packaging

5.5 Automated ID with BD MAX™ System

5.5.1 BD MAX™ Instrument

*	**BD MAX™ System** The BD MAX™ 6 channel instrument is supplied with a monitor, keyboard and scanner.	**1**

5.5.2 BD MAX™ Reagent Strips

*	**DNA extraction kits for Universal Transport Medium (UTM) / swabs in media**	**24 strips**
*	**RNA extraction kits for swab without control**	**24 strips**
*	**Total Nucleid Acid (TNA) extraction kits for dry swab**	**24 strips**
*	**Total Nucleid Acid (TNA) extraction kits for Universal Transport Medium (UTM) / swabs in media**	**24 strips**
*	**PCR cartrides (12 lanes)**	**24 cartridges**

* for catalog nos. please contact your local BD representative!

5.6 Microtrol™ Quality Control Organisms

254632	**Aeromonas hydrophila ATCC 7966**	**10 discs**
254652	**Aspergillus brasiliens ATCC 16404**	**10 discs**
254648	**Bacillus cereus NCTC 7464**	**25 discs**
254612	**Bacillus subtilis ATCC 6633**	**25 discs**
254627	**Bacteroides fragilis ATCC 25285**	**10 discs**
254645	**Campylobacter jejuni ATCC 29428**	**10 discs**
254625	**Candida albicans ATCC 10231**	**25 discs**
254611	**Candida albicans ATCC 2091**	**25 discs**
254610	**Citrobacter freundii ATCC 8090**	**25 discs**
257461	**Citrobacter freundii ATTC 8090**	**10 discs**
254628	**Clostridium perfringens ATCC 13124**	**10 discs**
254614	**Clostridium sporogenes ATCC 19404**	**10 discs**
254609	**Enterobacter aerogenes ATCC 13048**	**25 discs**
257464	**Enterobacter cloacae ATTC 23355**	**10 discs**
254999	**Enterococcus faecalis ATCC 19433**	**25 discs**
254602	**Enterococcus faecalis ATCC 29212**	**25 discs**
257388	**Enterococcus faecalis ATCC 51299**	**25 discs**
257462	**Enterococcus hirea ATCC 10541**	**10 discs**
254616	**Escherichia coli ATCC 10536**	**25 discs**
254986	**Escherichia coli ATCC 25922**	**25 discs**
254607	**Escherichia coli ATCC 35218**	**25 discs**
254621	**Escherichia coli ATCC 8739**	**25 discs**
257441	**Haemophylus influenzae ATCC 49247**	**10 discs**
257537	**Haemophilus influenzae ATCC 9934**	**10 discs**
257463	**Klebsiella aerogenes NCTC 9528**	**10 discs**
254988	**Klebsiella pneumoniae ATCC 13883**	**25 discs**
254656	**Klebsiella pneumoniae ATCC 700603**	**10 discs**

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Cat. No.	Description	Packaging
257419	Listeria monocytogenes NCTC 11994	10 discs
254631	Listeria monocytogenes ATCC 35152	25 discs
257420	Neisseria gonorrhoeae ATCC 19424	10 discs
257551	Neisseria gonorrhoeae ATCC 49226	10 discs
257440	Proteus mirabilis ATCC 14153	10 discs
254991	Proteus vulgaris ATCC 13315	25 discs
254623	Pseudomonas aerogenes ATCC 9027	25 discs
254992	Pseudomonas aeruginosa ATCC 27853	25 discs
257431	Salmonella nottingham NCTC 7832	10 discs
254651	Salmonella poona NCTC 4840	25 discs
254993	Salmonella typhimurium ATCC 14028	25 discs
257442	Serratia marcescens ATCC8100	10 discs
254995	Staphylococcus aureus ATCC 25923	25 discs
254996	Staphylococcus aureus ATCC 29213	25 discs
254629	Staphylococcus aureus ATCC 6538	25 discs
254613	Staphylococcus aureus ATCC 6538P	25 discs
254647	Staphylococcus aureus ATCC 9144	10 discs
257552	Staphylococcus aureus NCTC 12493 (MRSA)	10 discs
254658	Staphylococcus aureus MRSA ATCC 43300	10 discs
254997	Staphylococcus epidermidis ATCC 12228	25 discs
257444	Streptococcus agalactiae ATCC 13813	10 discs
254603	Streptococcus pneumoniae ATCC 6303	25 discs
254657	Streptococcus pneumoniae ATCC 49619	10 discs
254604	Streptococcus pyogenes ATCC 19615	25 discs
254643	Yersinia enterocolitica ATCC 9610	25 discs

6. EP/USP Test for Specified Microorganisms (TSM) Media

6.1 Test for *Escherichia coli*

6.2 Test for Bile Tolerant Gram-negative Bacteria

6.3 Test for *Salmonella* spp

6.4 Test for *Pseudomonas aeruginosa*

6.5 Test for *Staphylococcus aureus*

6.6 Test for *Clostridia*

6.7 Test for *Candida albicans*

6.8 Buffers and solutions

USP / EP / JP Compliance

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.[1] These chapters are harmonized with the *European Pharmacopeia* [2] and the *Japanese Pharmacopeia* [3].

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 9000 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.

[1] United States Pharmacopeial Convention, Inc. 2006. The United States Pharmacopeia 29/The National Formulary 24, 2006. The United States Pharmacopeial Convention, Rockville, MD.
[2] 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.
[3] Japanese Pharmacopeia, Fifteenth Edition.

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6 EP/USP TSM MEDIA

Cat. No.	Description	Plate/Bottle Type	Packaging
6.1 Test for *Escherichia coli*			
215197	**MacConkey Agar**	**90 mm plate**	**20**
297064	**MacConkey Agar**	**90 mm plate**	**100**
212123	**MacConkey Agar**	**500 g, dehydrated**	**1**
212122	**MacConkey Agar**	**2 kg, dehydrated**	**1**
275300	**MacConkey Agar**	**10 kg, dehydrated**	**1**
211387	**MacConkey Agar**	**500 g, dehydrated**	**1**
211390	**MacConkey Agar**	**2.3 kg, dehydrated**	**1**
211391	**MacConkey Agar**	**11.3 kg, dehydrated**	**1**
254957	**MacConkey Broth (100 ml), screw cap**	**syrup bottle 125 ml**	**25**
215117	**MacConkey Broth (100 ml), phenolic cap**	**syrup bottle 125 ml**	**10**
220100	**MacConkey Broth**	**500 g, dehydrated**	**1**
6.2 Test for Bile Tolerant Gram-negative Bacteria			
254959	**EE Broth Mossel (100 ml), screw cap**	**syrup bottle, 125 ml**	**25**
257135	**EE Broth Mossel (100 ml), twist off**	**wide mouth jar 212 ml**	**10**
256620	**EE Broth Mossel**	**500 g, dehydrated**	**1**
297005	**EE Broth Mossel**	**500 g, dehydrated**	**1**
254486	**Violet Red Bile Glucose Agar**	**90 mm plate**	**20**
257042	**Violet Red Bile Glucose Agar**	**contact plate**	**33**
218661	**Violet Red Bile Glucose Agar**	**500g, dehydrated**	**1**
6.3 Test for *Salmonella* spp			
215199	**RVS Soy Broth (10 ml)**	**K tube, 102 x 16.5 mm**	**10**
214943	**RVS Soy Broth**	**500 g, dehydrated**	**1**
254055	**XLD Agar**	**90 mm plate**	**20**
254090	**XLD Agar**	**90 mm plate**	**120**
278850	**XLD Agar**	**500 g, dehydrated**	**1**
278820	**XLD Agar**	**2 kg, dehydrated**	**1**
278830	**XLD Agar**	**10 kg, dehydrated**	**1**
6.4 Test for *Pseudomonas aeruginosa*			
285420	**Cetrimide Agar Base**	**500 g, dehydrated**	**1**
254419	**Pseudosel™ Agar - Cetrimide Agar**	**90 mm plate**	**20**
6.5 Test for *Staphylococcus aureus*			
254027	**Mannitol Salt Agar**	**90 mm plate**	**20**
254079	**Mannitol Salt Agar**	**90 mm plate**	**120**
211407	**Mannitol Salt Agar**	**500 g, dehydrated**	**1**
211410	**Mannitol Salt Agar**	**2.3 kg, dehydrated**	**1**

6 EP/USP TSM MEDIA

Cat. No.	Description	Bottle/Plate Type	Packaging
293689	Mannitol Salt Agar	11.3 kg, dehydrated	1

6.6 Test for Clostridia

215191	Columbia Agar without Blood	90 mm plate	20
211124	Columbia Agar without Blood	500 g, dehydrated	1
211125	Columbia Agar without Blood	2.3 kg, dehydrated	1
211126	Columbia Agar without Blood	11.3 kg, dehydrated	1
215192	Reinforced Medium for Clostridia, phenolic cap	infusion bottle, 100 ml	10
218081	Reinforced Medium for Clostridia	500 g, dehydrated	1

6.7 Test for *Candida albicans*

254039	Sabouraud Dextrose Agar	90 mm plate	20
254083	Sabouraud Dextrose Agar	90 mm plate	120
257050	Sabouraud Dextrose Agar	90 mm, Sterile Pack Plate	10
221988	Sabouraud Dextrose Agar	contact, Sterile Pack Plate	10
257296	Sabouraud Dextrose Agar	90 mm, Sterile Pack Plate	100
257104	Sabouraud Dextrose Agar (250 ml), screw cap	flat bottle, 300 ml	12
257153	Sabouraud Dextrose Agar (100 ml), screw cap with septum hole	syrup bottle, 150 ml	25
257261	Sabouraud Dextrose Agar (400 ml), screw cap	lab bottle, 500 ml	4
211584	Sabouraud Dextrose Agar	500 g, dehydrated	1
211585	Sabouraud Dextrose Agar	2.3 kg, dehydrated	1
210940	Sabouraud Dextrose Agar	100 g, dehydrated	1
210950	Sabouraud Dextrose Agar	500 g, dehydrated	1
211661	Sabouraud Dextrose Agar	2 kg, dehydrated	1
210930	Sabouraud Dextrose Agar	10 kg, dehydrated	1
238230	Sabouraud Dextrose Broth	500 g, dehydrated	1
238210	Sabouraud Dextrose Broth	2 kg, dehydrated	1

6.8 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 Tween (300 ml)	syrup bottle, 500 ml	10
257385	Phosphate Buffer pH 7.2 (Stock Solution 100 ml)	infusion bottle, 100 ml	25

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7. Automated Sterility Testing

7.1 BD BACTEC™ FX Instrument

7.2 BD BACTEC™ FX Consumables

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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 Instrument Stack consisting of 1 top and 1 bottom unit

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 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.

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

* 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

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7 AUTOMATED STERILITY TESTING

Cat. No.	Description	Packaging

7.1 BD BACTEC™ FX Instrument

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.

441385	**BACTEC™ FX Top Unit**	**1**
441386	**BACTEC™ FX Bottom Unit**	**1**

7.2 BD BACTEC™ FX Consumables

442191	**BACTEC™ Standard medium, aerobic**	**50**
442260	**BACTEC™ Standard medium, anaerobic**	**50**
442192	**BACTEC™ PLUS medium, aerobic** With resins for neutralization of preservatives.	**50**
442193	**BACTEC™ PLUS medium, anaerobic**	**50**
257479	**BACTEC™ PLUS medium, aerobic EtO double wrapped** Supplied in Eto gassed, double wrapped plastic box.	**24**
257487	**BACTEC™ PLUS medium, anaerobic EtO double wrapped**	**24**

Coming soon!

BACTEC™ XT Top Unit **1**

The BD BACTEC™ XT (e**X**tended **T**emperature) instrument is equipped with an integrated active cooling device. It is supplied with an EpiCenter™ Data Management System.

8. Automated Plate Streaking

8.1 BD™ Innova Automated Microbiology Specimen Processor

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Automated Plate Streaking

BD™ Innova Automated Microbiology Specimen Processor

The Innova allows for the complete automation of the "front-end" processing of liquid samples in the laboratory. It can process varied types of specimens and streaking patterns without manual intervention or changing of components, thus minimizing the operator time.

The Innova is ideal for a high volume laboratory due to its large capacity and long walk-away time but also suitable for small to medium volume laboratories due to its versatility in processing a wide variety of specimen types and specimen containers at once with minimal intervention required.

BD™ Innova Automated Microbiology Specimen Processor

Streaking samples on agar plates

Removing inocculated plates

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8 AUTOMATED PLATE STREAKING

Cat. No.	Description	Packaging

8.1 BD™ Innova Automated Microbiology Specimen Processor

441863 **BD™ Innova** **1**

The BD™ Innova instrument is used for automated processing and streaking of specimen.

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9. EpiCenter™ Data Management System

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BD EpiCenter™ Data Management System

The BD EpiCenter™ directly interfaces with BD BACTEC™ FX and BD Phoenix™ for multi-instrument integration and complete data observation. It efficiently organizes workflow on one system - full data access at any time, anywhere, enhancing real-time data flow and result communication while reducing technician bottlenecks. Operating in a true multi-use environment, the BD EpiCenter™ can be loaded on other existing computers within your facility, thus providing multiple access points inside and outside of the laboratory.

It is open for any off-line tests such as environmental monitoring, bioburden, and quality control data.

It stores cleanroom demographics and specimen results ensuring total traceability of all data coming from

- Production lots
- Clean rooms
- Specimen results
- People

... resulting in enhanced data handling and trend analysis. Graphics and tables can be displayed by simply pushing a button.

BD EpiCenter™ Data Management System

The BD EpiCenter™ multi channel alert system provides immediate notification, fast communication and reaction time of a positive result.

The BD EpiCenter™ data management system is a unique solution to effectively track and communicate critical information throughout your manufacturing process.

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9 Data Management

Cat. No.	Description	Packaging
	BD EpiCenter™ Consists of: computer, monitor, keyboard, printer, barcode scanner and software.	1
	Data Filters Additional personalized data filters are available on request.	

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