

# BD BBL™ & DIFCO™

## MICROBIOLOGY PRICE LIST 2013-14



Our

# EXPERIENCE

Reduces Your Risk



Helping all people  
live healthy lives

# BD INDIA OFFICES

## **BD Head Office & North Office**

### **Becton Dickinson India Pvt. Ltd.**

5<sup>th</sup>, 6<sup>th</sup> & 8<sup>th</sup> Floor, Signature Tower-B,  
South City 1, Gurgaon -122001

Haryana (INDIA)

Tel: 91-124-3949390

Fax: 91-124-2383224/5/6

## **BD Bangalore Office: South**

### **Becton Dickinson India Pvt. Ltd.**

No 9 & 10, First Main,

Pampa Extension,

Hebbal Kempapura,

Bangalore, 560 024 Karnataka (INDIA)

Tel: 91-80-41150588, 41400521-525

Fax: 91-80-41150587

## **BD Kolkata Office: East**

### **Becton Dickinson India Pvt. Ltd.**

Flat No. GB, Saltee Plaza, AN Block,

Slat Lake, Naya Patty, Pachimpara,

Kolkata, 700102

Tel: +91-33-23671230/31

Fax: +91-33-2371232

## **BD Mumbai Office: West**

### **Becton Dickinson India Pvt. Ltd.**

Boomerang ,Unit No -310, A – Wing,

3<sup>rd</sup> Floor, Chandivali Farm Road,

Near Powai, Andheri - East,

Mumbai -400072

Tel: +91-22-33241600

Fax: +91-22-28582428

Worldwide Web:

[www.bd.com/ds](http://www.bd.com/ds)

[www.bd.com/india](http://www.bd.com/india)

Order Processing

[difco\\_india@bd.com](mailto:difco_india@bd.com)

# **Introduction**

## **Ordering Information**

Please order products from this catalogue through an authorized distributor. Distributors, conveniently located, maintain inventory of our products locally so that immediate service can be provided in all areas.

## **Prices**

Prices in this Price List shall be valid till March 31, 2014 subject to variation of the US Dollar Indian Rupee exchange rate and the current rates of customs/imports duties by more than 10%.

## **Taxes**

CST or local S. Tax and other statutory levies such as Octroi, entry taxes, etc. shall be borne by the customer.

## **Placing of orders**

Orders, once placed, will not be cancelled.

## **Supplies**

Supplies will be effected by our Authorized Distributor on FOR destination basis.

## **Delivery Period**

Supplies shall be made by our Authorized Distributor within 60 days from the date of receipt of your Order. We or our Authorized Distributor shall not be responsible for delay or part supply or non supply of any material which may be due to the circumstances beyond our control.

## **Payment**

Advance or through Bank at sight.

## Introduction

BD Diagnostics Systems manufacturing facilities are registered with US FDA and comply with cGMP.

### Trademarks of BD

30Step	DrySlide	Mycosel
Acidicase	DuraPak	Myosate
Affirm	ElectraCode	OptiCult
ARD	Enterococcosel	Optilux
BACTEC	Eugonagar	PANTA
Bacto	Eugonbroth	Pasco
BBL	EZ Coli	Peds Plus
B-D	EZ Draw	Phytone
Bio-Bag	EZ View	Pneumoslide
Biosate	Falcon	Polypeptone
Bitechq	Fibrometer	Port-A-Cul
CampyPak	FibroSystem	Pseudosel
Campy Pouch	Fibro Tip	QualiSwab
Campyslide	Fibro Tube	RFscan
CDT	Finger Dab	RODAC
Cefinase	FOS	Safety-Lok
ColorPAC	GasPak	Sensi-Disc
Crystal	GC-Lect	SEPTI-CHEK
CrystalSpec	Gelysate	Spot Test
CTA Medium	Hycheck	ssA
CultureSwab	I Plate	Stacker
CULTURETTE	Kilit	Staphyloslide
CULTURETTE-II	LBS	Streptosel
CULTURETTE EZ	LitrePak	SWUBE
CULTURETTE EZ-II	Luer-Lok	Taxo
Desoxycholate	Macro-Vue	TB Quick Stain
Desoxycholate Agar	Medi-Flex	Thiogel
Desoxycholate-Citrate Agar	MGIT	Thiotone
Difco	Minitex	Transferettes
Directigen	MonoSlide	Trichosel
Directigen 1-2-3	Mycobactosel	Trypticase
Dispens-O-Disc	Mycoflask	VACUTAINER
Dispenstirs	Mycophil	VZVscan
Dispens Tube	MycoPrep	Y Plate

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## History

### BD Diagnostics – A Tradition of Excellence



Original Difco Laboratories  
Manufacturing facility.

Difco Laboratories, originally known as Ray Chemical, was founded in 1895. The company produced high quality enzymes, dehydrated tissues and glandular products. Ray Chemical acquired the Digestive Ferments Company, a company that specialized in producing digestive enzymes for use as bacterial culture media ingredients. This merger led to the preparation of a line of peptones, beginning with Bacto™ Peptone, and dehydrated culture media. In 1913, the company moved to Detroit, Michigan, and dropped the Ray Chemical name.

In 1934, the Digestive Ferments Company chose the acronym “Difco” to rename the company. The focus of Difco Laboratories was to develop new and improved bacteriological culture media, many of which were adopted as “standard” formulations in water, dairy, food, pharmaceutical and other industrial microbiology laboratories.

Difco Laboratories grew through the acquisition, in 1974, of Lee Laboratories, one of the largest manufacturers of bacteriological antisera. The Paul A. Smith Company, later known as Pasco, which manufactured a semiautomated instrument used for bacterial identification and susceptibility testing, was acquired in 1983.

BD’s original microbiology products division, acquired in 1955, was founded in 1935 as a partnership between Theodore J. Carski and Dr. Einar Leifson, employees of the Johns Hopkins Hospital in Baltimore, Maryland. Named the Baltimore Biological Laboratory, the laboratory undertook a study of the preparation of peptones, and it began production of three new culture media: Selenite-F Enrichment, Desoxycholate Agar and Desoxycholate-Citrate Agar. The acronym “BBL” was often used and became the brand name for products offered by the company.

The Baltimore Biological Laboratory received increased impetus from the inventions and encouragement of Dr. John Brewer. Brewer’s early pipetting machines were produced by the company, and the Brewer anaerobic jar, the forerunner of the GasPak™ jar, made the performance of routine anaerobic bacteriology practical and safe.

New discoveries rapidly followed. Incorporation of the reducing chemical sodium thioglycollate resulted in the introduction of thioglycollate media for the cultivation of anaerobes. Other new formulations were added resulting in the development of a full line of culture media. Many of these media utilize peptones of known derivation, such as Trypticase™ Peptone, a pancreatic digest of casein, and Phytone™ Peptone, a papain digest of soybean meal, ingredients which are employed in Trypticase Soy Agar, Trypticase Soy Broth and many other media.

In 1952, the formulation of the U.S. version of Lowenstein-Jensen Medium was introduced, launching the prepared tubed media line. In 1960, the line of prepared culture media was completed by introducing commercially-prepared plated media.

Over the years, BD’s microbiology division grew through a series of mergers and acquisitions. In 1972 and 1979, BD purchased two more Baltimore-based microbiology companies – Hynson Wescott and Dunning (HW&D) and Johnston Laboratories, Inc., respectively. HW&D brought with it the Macro-Vue™ RPR, RUBAscan™ and CMVscan™ card test kits and the Directigen™ line of immunomicrobiology systems for the direct non-growth-dependent detection of antigens in patient specimens. Johnston Laboratories was the developer and manufacturer of the BACTEC™ line of automated blood culturing and detection systems. The BACTEC System, launched in 1968, was the first automated bacterial detection system to appear on the market. In 2009, BACTEC celebrated its 40th anniversary with the launch of its tenth generation – the BD BACTEC FX Blood Culture System.

# BD BBL™ & Difco™

## *History BD Diagnostic Systems, cont.*

The media lines were strengthened by the acquisition in 1987 of GIBCO Laboratories of Madison, Wisconsin. Many specialty media formulations were added to the existing BBL™ brand prepared plated and tubed media product lines.

In 1989, when Marion Laboratories decided to divest its Marion Scientific division's microbiology product lines, it selected BD's microbiology division as the new provider of products such as the Bio-Bag™ Environmental systems and Culturette™ Toxin CD test kit for rapid *Clostridium difficile* testing.

In 1992, the division acquired the worldwide microbiology business of Roche Diagnostic Systems, adding the SEPTI-CHEK™ blood culture bottles and Enterotube™ and Oxi/Ferm™ identification products.

In June 1997, BD announced the acquisition of Difco Laboratories, Inc. The merger of this subsidiary with BD's Microbiology Systems division brought together the leading providers of microbiology products to industrial and clinical microbiology laboratories worldwide, with a combined total of over 170 years of culture media experience. Both businesses comprise BD Diagnostics – Diagnostic Systems, which is headquartered in Sparks, Maryland, near the city of Baltimore.

The dawning of the twenty-first century heralded the arrival of several new products. In 2000, the BD ProbeTec™ ET Amplified DNA Assays for *Chlamydia trachomatis* and *Neisseria gonorrhoeae* were launched. Utilizing proprietary homogeneous strand displacement amplification (SDA) technology, these assays were the first real-time DNA amplification tests on the market. This accomplishment was followed by the launch of the BD Phoenix™ Automated Microbiology System in 2004 – a fully automated system for the rapid identification and antimicrobial susceptibility testing of bacteria. Not to be outdone, between 2000 and 2006 the prepared media product line introduced seven new chromogenic media formulations – BBL™ CHROMagar™ prepared plated media for *Candida*, *Salmonella*, *Staphylococcus aureus*, *Listeria*, *E. coli* O157 and MRSA as well as CHROMagar Orientation for detection of urinary tract pathogens.

Eager to expand its commitment to the prevention of healthcare-associated infections (HAIs), in 2006 BD acquired GeneOhm Sciences, Inc., a pioneer in the development of molecular diagnostics for methicillin-resistant *Staphylococcus aureus* (MRSA) and *Clostridium difficile* (Cdiff). The BD GeneOhm™ MRSA and BD GeneOhm Cdiff assays produce results in hours not days, allowing these infections to be controlled before outbreaks occur.

Finally, 2009 will mark the opening of a new, dedicated AF2™ (Animal-Free/Antibiotic-Free) Facility for the cGMP production of cell culture media and supplements. This new plant will manufacture products that are controlled for animal-origin component raw materials to the tertiary level, the most stringent level of control available. The AF2 Facility will provide a new standard for safety and quality for cell culture media that significantly reduces current risks associated with mixed-use plants.

BD Diagnostics offers a total spectrum of microbiology laboratory products from dehydrated culture media to fully automated instrumentation for the rapid identification of clinically relevant bacteria. BD Diagnostics continues to focus on the missions and needs of both industrial and clinical microbiology laboratories.

The businesses that now constitute BD Diagnostics were founded by entrepreneurs whose ideas, diligence and foresight have contributed to the creation of BD as one of the world's leaders in the health care field. Through its products and services, BD is committed to "helping all people live healthy lives."

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# Dehydrated Culture Media & Additives

# USP/EP/JP Compliance

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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. These chapters will become effective in May 2009, and are harmonized with the *European Pharmacopeia* and the *Japanese Pharmacopeia*.

BD has reviewed and revised, where applicable, the labeling, formulations and performance testing for the media that are specified in these new chapters. 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

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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, safeguarding 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.



## Dehydrated Culture Media

### I. Introduction

BD supplies greater than 400 different Difco™ and BBL™ brand media formulations in dehydrated form for the convenience of the laboratorian and bioprocessing specialist. Certain formulations are designated by a “II” in the medium name; these formulations are optimized to provide more consistent, superior test results than earlier versions.

The individual ingredients and the final dehydrated product are carefully quality-controlled to assure consistent, high quality performance and obviate the need for media to be prepared in the laboratory from raw materials. A number of factors should be considered in the use of dehydrated media to ensure the quality of the finished product. These factors are discussed below.

Dehydrated culture media may be offered as 100 g and 500 g bottles, 2 kg, 5 lb, 25 lb and 10 kg containers.

### II. Formula (e)

Generally, media ingredients are listed according to published “classical” formulations. However, since biological raw materials may vary slightly, formulations are listed as “approximate” and may be adjusted and/or supplemented to meet performance criteria.

Peptones in the formulations presented in this manual may be expressed by their traditional names or by their generic equivalents. The *United States Pharmacopeia* lists culture media peptones by generic names and includes specifications for peptone (meat peptone), pancreatic digest of casein, peptic digest of animal tissue and papaic digest of soybean meal. The peptones in BBL brand media have been converted to their generic equivalents. In general, the peptones in Difco brand media have retained their traditional names, which also appear in the published formulations in many textbooks and in “standard” references containing methods for the microbiological examination of foods, dairy products and waters and wastewaters.

Traditionally, the amount of an infusion listed for an infusion-containing medium has been expressed as the weight of the source material (e.g., Beef Heart, Infusion from 250 g) used in the infusion extraction process. These values have been converted to their dry weight equivalents in this manual, which is consistent with their use in dehydrated culture media.

### III. Warnings and Precautions

Dehydrated culture media are For Laboratory Use.

Sodium azide is a selective agent in certain culture media. Media containing sodium azide are very toxic by inhalation, in contact with skin and if swallowed. Contact with acids liberates very toxic gas. After contact with skin, wash immediately with plenty of

water. Sodium azide may react with lead and copper plumbing to form highly explosive metal azides. On disposal, flush with a large volume of water to prevent azide build-up.

Observe aseptic techniques and established precautions against microbiological hazards throughout all procedures, since it must be assumed that all specimens/samples collected might contain infectious microorganisms. After use, prepared plates, specimen/sample containers and other contaminated materials must be sterilized before discarding. Directions for use should be read and followed carefully.

To minimize the risk in microbiology laboratories of working with infectious microorganisms and specimens and samples suspected to contain them, the United States Department of Health and Human Services has published guidelines for handling these agents and materials.<sup>1</sup> The guidelines describe four biosafety levels, some of which are mentioned in this manual in association with specific microorganisms:

- Biosafety Level 1 is applicable when work is done with defined and characterized strains of viable organisms not known to consistently cause disease in healthy adult humans.
- Biosafety Level 2 practices are applicable to laboratories in which work is done with the broad spectrum of indigenous moderate-risk agents that are associated with human disease; activities can be performed on the open bench provided the potential for producing splashes or aerosols is low.
- Biosafety Level 3 practices are applicable to laboratories working with agents with a potential for respiratory transmission and which may cause serious and potentially lethal infection. All laboratory manipulations should be performed in a biological safety cabinet or other enclosed equipment to protect personnel and the environment from exposure to potentially infectious aerosols.
- Biosafety Level 4 practices are applicable for work with highly dangerous agents which may be transmitted via the aerosol route, for which there is no available vaccine or therapy and for which specialized equipment and facilities are required.

Consult the reference for specific recommendations on the practices, equipment and facilities of the four biosafety levels.<sup>1</sup>

### IV. Storage Instructions

The majority of formulations should be stored within the range of 2-25°C in a dry place at a distance from sources of heat and sunlight; for a few, storage at 2-8°C is required. Unless otherwise noted, media described in this manual should be stored at 2-25°C. Dehydrated culture media are hygroscopic. When bottles of dehydrated media have been opened for initial use, they should be tightly closed as soon as possible to protect them from hydration.

Provision should be made for rotating the stock of dehydrated media to ensure product freshness, obviating the use of aged materials, and discarding of media which is outdated.

## V. Expiration Date

The expiration date applies to the products in their intact containers when stored as directed. Do not use a product if it fails to meet specifications for identity and performance.

## VI. Product Deterioration

Verify that the physical characteristics of the powder are typical. Hydration can lead to caking and/or microbial contamination which render the culture medium unusable.

## VII. Specimen/Sample Collection and Transport

The success of a microbiological isolation procedure does not depend solely on the quality of the culture media utilized. Proper specimen/sample collection and transport are crucial steps in the isolation process. A variety of transport systems and holding media have been devised to prolong the survival of microorganisms when a significant delay is expected between collection and definitive culturing.

### Clinical Specimens

For clinical specimens, BBL™ CultureSwab™ and Port-A-Cul™ collection and transport products are available. For transport and growth of the pathogenic *Neisseria*, Transgrow, Gono-Pak and JEMBEC™\* systems containing Modified Thayer-Martin (MTM II), Martin-Lewis or GC-Lect™ Agars are recommended. Specimens should be obtained before antimicrobial therapy has been administered. Provision must be made for prompt delivery to the laboratory.

The clinical laboratory must be furnished with sufficient patient information to enable the microbiologist to select the most suitable media and appropriate techniques. For detailed information, appropriate references should be consulted.

\* JEMBEC is a trademark of Miles Scientific.

### Industrial Samples

Sterile containers should be used to collect samples. For environmental monitoring, samples can be collected using BD Sterile Pack Swabs.

Samples must represent the mass of the material being examined. Samples may require special handling, including refrigeration, to prevent the direct contamination of the sample by microorganisms and the subsequent growth of such contaminants during sampling, transportation and storage before examination. For detailed information, appropriate references should be consulted.

## VIII. Materials Provided

Dehydrated Culture Medium Supplements and Enrichments (if applicable)

## IX. Materials Required But Not Provided

Glassware

Measuring scale

pH meter

Autoclave

Purified water, pH 5.5-7.5

Water bath

Incubator

Sterile Petri dishes or tubes

Ancillary culture media, reagents and laboratory equipment as required.

## X. Procedures

### Rehydration

The procedure employed for dissolving dehydrated culture media very often determines the clarity and performance of the finished product. Homogeneity of the solution and minimal heat exposure are important considerations. Prior to use, examine the dehydrated material. Caked or discolored material should not be used for the preparation of culture media batches.

Add the precise amount of powdered material to approximately one-half of the volume of purified water. After thorough mixing, add the remainder of the water with care being taken to wash down the sides of the container (preferably an Erlenmeyer flask that is at least 2-3× the volume of medium). Dissolution is enhanced by allowing agar preparations to stand for 5 minutes with occasional agitation prior to boiling. Formulae that do not contain agar, gelatin or cystine will dissolve without heating, but heat is required to dissolve others so that they can be dispensed and sterilized. When heating is required, heat should be applied gently and the preparation agitated as required to prevent scorching. However, care should be taken to avoid media eruptions that may occur when agitating a flask of medium which is at or very near the boiling point. Boil as briefly as possible to obtain solution; 1 minute is usually sufficient. Exposure for longer periods can darken the medium and severely reduce its growth promotion properties. In no case should powdered medium be added to water and immediately placed into an autoclave since layering and separation of ingredients, precipitate formation and darkening are likely to occur with diminution of performance.

## Sterilization

Follow label directions for length and temperature of sterilization. The recommended sterilization times assume a volume of one liter (1000 mL) or less. For larger volumes, the sterilization time should be extended but the temperature should not be raised. When larger volumes are used, validation studies should be performed to determine the optimum sterilization cycle for each unique container size/volume combination. Autoclave media containing carbohydrates at a temperature not exceeding 116-118°C to avoid caramelization of the carbohydrate. It is important that physical parameters of the sterilizer and the efficacy of kill be monitored frequently through the use of calibration instrumentation and biological indicators.

Do not autoclave media that should not be heat-sterilized. There are numerous formulations available that can merely be dissolved and used directly. The performance of such media is seriously impaired by subjecting them to heat.

## Adding Enrichments and Supplements

Enrichments and supplements tend to be heat sensitive. Cool the medium to 45-55°C in a water bath prior to adding enrichments or supplements. Ensure adequate mixing of the basal medium with enrichments or supplements by swirling to mix thoroughly.

Sterile broths may be cooled to room temperature before adding enrichment.

## pH

Commercial dehydrated culture media are designed to fall within the specified pH range *after* steam sterilization.

For filter sterilization, adjust the pH, if necessary, prior to filtering.

Measure pH at room temperature (25°C). Avoid excessive pH adjustments.

## Dispensing and Storage of Prepared Media

After sterilization, media prepared in the laboratory should be removed from the autoclave as soon as the pressure has fallen to zero. Hastening the opening of the autoclave before zero pressure is reached can result in the ejection of media from the sterilization vessels with considerable loss of contents.

For preparing plates, cool the medium to 50-55°C prior to dispensing to reduce water evaporation. Ensure gentle mixing during dispensing and dispense quickly. If using an automatic plate dispenser, dispense general-purpose media before dispensing selective media. Invert filled and cooled (solidified) Petri dish bottoms over their off-set lids and allow to sit for 1-2 hours to obtain a dry surface. It is advisable to use freshly poured plated media on the day of preparation. Alternatively, plates should be placed in the refrigerator as soon as they have solidified (agar side up) and several representative plates

incubated at 35 ± 2°C as a sterility check. If storage of plates is for more than several days, it is recommended that they be wrapped in plastic or otherwise protected to prevent moisture loss. Most

media, and especially those containing dyes or indicators, should be protected from light during storage.

When they have cooled, tighten the caps of media that are contained in screw-capped tubes or bottles; store all tubes and bottles under appropriate conditions, usually at ambient room temperature. The shelf life of some media, such as Lowenstein-Jensen Medium, may be prolonged by refrigeration. Prepared media that have been refrigerated should be removed from refrigeration and equilibrated to room temperature prior to inoculation to allow water of condensation to evaporate or dissipate and to avoid temperature shock to the inoculum.

## XI. User Quality Control

For media prepared in-house, each lot of every medium must be tested. When qualifying a new lot of culture medium, always test the new lot of medium in parallel with an approved lot of medium. Quality control organisms must be maintained appropriately and inoculum preparation should be performed according to published guidelines (refer to the monograph "Quality Control Organisms"). Maintain appropriate records and report deficiencies to the manufacturer.

### Comments on BD User Quality Control

In the product descriptions, the User Quality Control section contains procedures for identity (Identity Specifications) and performance (Cultural Response). Differences in the Identity Specifications and Cultural Response testing for media offered as both Difco and BBL brands may reflect differences in the development and testing of media for industrial and clinical applications, per the referenced publications.

For Identity Specifications, the expected appearance of the powder, and of the solution following the addition of the powder to purified water and boiling, when appropriate, are indicated. The prepared (finished) medium appearance and final pH, both determined at 25°C, are specified. For Cultural Response, test organisms, inocula and results are provided. Except for those media which are tested with fresh cultures (undiluted agar or broth cultures), the number of colony forming units (CFU) per plate is provided. Under Recovery, growth on Difco and BBL plated media may be reported as None, Poor (growth in quadrant one), Fair (growth in quadrants one and two) and Good (growth in quadrants three and four). Similar terms may be used for tubed media. The cultures listed are the minimum that should be used for performance testing.

For media referenced in Chapters <61> and <62> of the recently harmonized *United States Pharmacopeia*, the "User Quality Control" section contains the information required to verify that these media were tested according to the *USP*, *EP* and *JP* — for both dehydrated culture media and prepared culture media products. In other words, the media listed under "Availability" and identified with a staff mark (†), have been tested and meet *USP*, *EP* and *JP* performance specifications where applicable.

## XII. Limitations of the Procedure

Detergent residues can compromise media. After washing glassware, check for alkali or acid residue with a few drops of bromthymol blue pH indicator (yellow is acidic; blue is alkaline).

Quantities of media in excess of one liter may require an extended autoclave time to achieve sterilization. Longer sterilization cycles can cause nutrient concentration changes and generation of inhibitory substances.

Since the nutritional requirements of organisms vary, a single medium is rarely adequate for detecting all organisms of potential significance in a clinical specimen or industrial sample. The agents in selective media may inhibit some strains of the

desired species or permit growth of a species they were designed to inhibit, especially if the species are present in large numbers in the specimen/sample. Cultures of specimens/samples grown on selective media should, therefore, be compared with specimens/samples cultured on nonselective media to obtain additional information and help ensure recovery of potential pathogens and other significant organisms.

## XIII. Reference

1. U.S. Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. 2007. Biosafety in microbiological and biomedical laboratories, 5th ed. HHS Publication No. (CDC) 93-8395. U.S. Government Printing Office, Washington, D.C.

PROBLEM	A	B	C	D	E	F	G	H	OTHER CAUSES
Abnormal color of medium	•	•	•						
Incorrect pH	•	•	•	•	•	•	•		Storage at high temperature Hydrolysis of ingredients pH determined at wrong temperature
Atypical precipitate	•	•	•	•	•	•			
Incomplete solubility					•				Inadequate heating Inadequate convection in a too small flask
Darkening or carmelization	•			•	•	•			
Toxicity		•	•						Burning or scorching
Trace substances (Vitamins)		•							Airborne or environmental sources of vitamins
Loss of gelation property				•	•	•		•	Hydrolysis of agar due to pH shift Not boiling medium
Loss of nutritive value or selective or differential properties	•		•	•	•	•	•	•	Burning or scorching Presence of strong electrolytes, sugar solutions, detergents, antiseptics, metallic poisons, protein materials or other substances that may inhibit the inoculum
Contamination	•	•	•						Improper sterilization Poor technique in adding enrichments and pouring plates Not boiling agar containing medium

### Key

**A** Deteriorated Dehydrated Medium

**B** Improperly Washed Glassware

**C** Impure Water

**D** Incorrect Weighing

**E** Incomplete Mixing

**F** Overheating

**G** Repeated Remelting

**H** Dilution by a Too Large Inoculum

# BD BBL™ & Difco™

## Additives

Cat. No.	Description	Pack Size	List Price
214050	Agar, Bacto™	100 g	2215
214010	A solidifying agent, is a purified agar in which extraneous matter, pigmented portions and salts are reduced to a minimum. It is available in the form of fine,	1 lb (454g)	7741
214030	light colored granules which are convenient for weighing and handling.	2 kg	On request
214040	It is usually used in concentrations of 1-2% in solid culture media or in concentrations of 0.05%-0.5% in media used for determination of motility and the growth of anaerobes and microaerophiles	10 kg	On request
212304	Agar, Grade A Used as a solidifying agent in microbiological media	1 lb (454 g)	10308
214530	Agar, Granulated	500 g	9765
214510	Used as a solidifying agent for culture media. Carefully monitored for cultural response, solubility and gelation temperature	2 kg	On request
214520		10 kg	On request
214220	Agar, Noble	100 g	4315
214230	Solidifying agent essentially free of impurities used for electrophoretic and nutritional procedures wherever increased purity is required	500 g	15896
299340	Agar, Select	500 g	13833
299341	Used as a solidifying agent for culture media. Carefully monitored for cultural response, solubility and gelation temperature	5 lb (2.3 kg)	On request
281230	Agar, Technical	500 g	7475
281210	Solidifying agent for bacteriological culture media that do not have the exacting requirements as those for Bacto™ Agar. Carefully monitored for solubility, gelation temperature and other characteristics	2 kg	On request
212272	Agarose Used as a gelling agent for immunological applications	500 g	44096
215710	Adonitol	10 g	5929
215910	L-Arabinose	25 g	5866
215920		100 g	11502
214410	Asparagine	500 g	12491
213210	Beef Heart for Infusion Desiccated powder of beef heart, 100 g are equivalent to 500 g of fresh beef heart	500 g	54824
213010	Bile Salts No. 3	100 g	7012
213020	Selective agent, inhibits gram-positive organisms	500 g	28660
211968	Bovine Albumin (Fraction V) 0.2% in 0.85% saline, 10 mL	10 x 10 ml	3726
266810	Bovine Albumin 5%	12 x 20 ml	20197
237400	Brain Heart Infusion	100 g	3027
237500	Cultivation of fastidious microorganisms pneumococci and meningococci	500 g	9430
237200		2 kg	On request
211059		500 g	6619
211060		5 lb (2.3 kg)	On request
211061		25 lb (11.3 kg)	On request

\*Store at 2-8°C

# BD BBL™ & Difco™

## Additives

Cat. No.	Description	Pack Size	List Price
256120	Brain Heart Infusion, Porcine Cultivation of fastidious microorganisms using porcine as an alternate peptone source	500 g	12002
216010	Cellobiose	25 g	8612
212392	Hemoglobin, Bovine, Freeze-Dried	500 g	6795
211874	Hemoglobin Solution 2%	10 x 100 ml	11887
215530	Dextrose	500 g	2850
215510		2 kg	On request
215520		10 kg	On request
216210	Dulcitol	100 g	20569
215810	Esculin	10 g	4757
216310	D-Galactose	500 g	10451
214340	Gelatin	500 g	5186
214320	Granulated gelatin for microbiological procedures	10 kg	On request
228210	Glycerol	100 g	4229
228220	Highly purified alcohol used as a fixative, in bacterial preservation media and in the isolation and cultivation of many organisms	500 g	9595
216410	Inositol Inosite, mesoinositol, neither D nor L	100 g	6549
215620	Lactose	500 g	3720
215610		10 kg	On request
213320	Liver Desiccated powder of beef liver, 135 g are equivalent to 500 g fresh liver	500 g	4051
233471	Egg Yolk Enrichment 50%	12 x 10 ml*	11787
233472		6 x 100 ml*	30896
216830	Maltose	500 g	13498
216810		10 kg	On request
217020	D-Mannitol	500 g	4542
217110	D-Mannose	25 g	6036
217310	Melibiose	10 g	5796
212820	Oxgall Dehydrated fresh bile used in the selection of bile tolerant bacteria	500 g	17837
234510	Penase Penicillinase inactivates 1,000,000 International units per mL of Penicillin G	6 x 20 ml*	17230
234610	Penase Concentrate	6 x 20 ml*	18681
211899	10,000,000 units/mL, 20 mL per tube	100 ml*	On request
212223	Polysorbate 20	100 ml	6558
231181	Polysorbate 80	100 g	2120
217410	Raffinose	100 g	10883
217510	Rhamnose	25 g	7962
217520		100 g	16458

\*Store at 2–8°C



## Additives

Cat. No.	Description	Pack Size	List Price
217610	Saccharose	500 g	4353
217720	Salicin	100 g	15640
232100	Skim Milk Spray dried, a 10% solution is equivalent to fresh skim milk. Differentiation of organisms based on coagulation and proteolysis of casein	500 g	2597
224820	Sodium Desoxycholate Sodium salt of desoxycholic acid used for the pneumococcus bile solubility test and as a media component	100 g	7530
212081	Sodium Thioglycollate	100 g	11252
217820	Soluble Starch	500 g	4784
217810		10 kg	On request
217910	D-Sorbitol	500 g	3712
218010	Trehalose	10 g	2426
218110	D-Xylose	25 g	4827

## Dehydrated Culture Media

218231	A-1 Medium Determination of fecal coliforms in water and foods	500 g	7704
231710	AC Broth For cultivating a wide variety of microorganisms; for use in the sterility testing of turbid or viscous solutions and other materials not containing mercurial preservatives	500 g	20543
265430	APT Agar For cultivating heterofermentative lactobacilli and other organisms requiring high thiamine content	500 g	6518
265510	APT Broth For cultivating heterofermentative lactobacilli and other organisms requiring high thiamine content	500 g	6776
274210	Acetate Differential Agar Differentiation of members of Shigella genus from Escherichia genus	500 g	16289
210920	Actinomyces Broth	500 g	49683
212168	Actinomycete Isolation Agar Used with glycerol for isolation and cultivation of actinomycetes from soil and water	500 g	13011
218151	Anaerobe Broth MIC MIC Susceptibility testing by the broth dilution technique	500 g	14004
253610	Anaerobic Agar General purpose medium for anaerobic bacteria	500 g	18161
226340	Antibiotic Medium 1 Penassay Seed Agar. Microbiological assay of antibiotics	500 g	7021
227020	Antibiotic Medium 2 Penassay Base Agar. Microbiological assay of antibiotics	500 g	8837
224320	Antibiotic Medium 3	500 g	6170
224310	Penassay Broth	2 kg	On Request

\*Store at 2–8°C

## Dehydrated Culture Media

Cat. No.	Description	Pack Size	List Price
210932	Antibiotic Assay Broth (Antibiotic Medium3)	500 g	14481
224410	Antibiotic Medium 4 Yeast Beef Agar. Microbiological assay of antibiotics	500 g	14200
227710	Antibiotic Medium 5 Streptomycin Assay Agar. Microbiological assay of antibiotics	500 g	14898
266710	Antibiotic Medium 8 Microbiological assay of antibiotics	500 g	12013
246210	Antibiotic Medium 9 Polymyxin Base Agar. Microbiological assay of antibiotics	500 g	8008
246310	Antibiotic Medium 10 Polymyxin Base Agar. Microbiological assay of antibiotics	500g*	6990
259310	Antibiotic Medium 11 Erythromycin/Neomycin Agar. Microbiological assay of antibiotics	500 g	5905
266910	Antibiotic Medium 12 Microbiological assay of antibiotics	500 g	13274
210986	Antibiotic Medium 13 Sabouraud Liquid Broth, Modified	500 g	46979
243100	Antibiotic Medium 19 Microbiological assay of antibiotics	500 g	7381
240920	Azide Blood Agar Base Isolation of streptococci and staphylococci; for use with blood in determining hemolytic reactions	500 g	31787
238710	Azide Dextrose Broth Selective isolation of streptococci from water and sewage	500 g	7452
245710	B12 Assay Medium For use in USP and AOAC methods for microbiological assay of Vitamin B12	100 g*	2873
254110	B12 Culture Agar To maintain cultures of Lactobacillus delbrueckii ATCC™ 7830 for use in USP method for microbiological assay of Vitamin B12	100 g*	8953
254210	B12 Inoculum Broth To prepare the inoculum of Lactobacillus delbrueckii ATCC™ 7830 for use in USP method for microbiological assay of Vitamin B12	100 g*	7210
224710	BCG Dextrose Agar (Snyder Test Agar) Colorimetric estimation of lactobacilli in saliva	500 g	15690
271710	BG Sulfa Agar Selective isolation of Salmonella	500 g	7050
212327	BCYE Agar Base BCYE	500 g	13216
276840	Baird-Parker Agar Base	500 g	5815
276810	Use with EY Tellurite Enrichment for the detection and enumeration of coagulase positive staphylococci in foods and other materials	2 kg	On Request
212357	Egg Yolk Tellurite Solution	6x100 ml*	7292
277910	EY Tellurite Enrichment Used with Baird-Parker Agar Base for the isolation of S. aureus. The enrichment consists of 30% egg yolk suspension with 0.15% potassium tellurite	6x100 ml*	20021

## Dehydrated Culture Media

Cat. No.	Description	Pack Size	List Price
211027	BiGGY Agar Bismuth Sulfite Glucose Glycine Yeast Agar is a selective and differential medium used in the detection, isolation and presumptive identification of <i>Candida</i> species	500 g	5500
299068	Bile Esculin Agar Differential isolation and presumptive identification of group D streptococci	500 g	14593
241910	Biotin Assay Medium For microbiological assay of biotin	100 g*	2665
273300	Bismuth Sulfite Agar For selective isolation of <i>Salmonella</i> , particularly <i>Salmonella typhi</i> from food and clinical specimens	500 g	7599
211037	Blood Agar Base (Infusion Agar)	500 g	4673
211038	Isolation, cultivation and detection of hemolytic activity of streptococci and other fastidious microorganisms	5 lb (2.3 kg)	On Request
248200	Bordet Gengou Agar Base Enriched with defibrinated blood for the isolation of <i>B. pertussis</i> and other <i>Bordetella</i> species	500 g	8875
211057	Brain Heart CC Agar For the isolation of pathogenic fungi from specimens heavily contaminated with bacteria and saprophytic fungi	500 g	22210
241820	Brain Heart Infusion Agar	100 g	2530
241830	Cultivation of fastidious microorganisms especially fungi and yeasts; for use with added antibiotics in isolating fungi	500 g	7115
241810		2 kg	On Request
211065		500 g	6936
249910	Brain Heart Infusion with PAB and Agar Modification of Brain Heart Infusion used for blood cultures, particularly with blood containing sulfonamides	500 g	19446
211069	Brain Heart Infusion with PABA Examination of blood from patients who have received sulfonamide therapy	500 g	11318
299070	Brain Heart Infusion Broth, Modified	500 g	14510
227920	Brewer Anaerobic Agar Cultivation of anaerobic and microaerophilic organisms	500 g	12281
228530	Brilliant Green Agar Isolation of <i>Salmonella</i> other than <i>S. typhi</i> from feces and other materials	500 g	4261
218801	Brilliant Green Agar Modified Isolating <i>Salmonella</i> from water, sewage and foodstuffs	500 g	8631
214100	Brilliant Green Bile Agar Isolating, differentiating and enumerating coliform bacteria	500 g	22498
273000	Brilliant Green Bile Broth 2%	100 g	2528
274000	Detection of coliform organisms in foods, dairy products, water and wastewater, as well as in other materials of sanitary importance	500 g	8303
271000		2 kg	On Request
249410	m Brilliant Green Broth Selective differential medium for screening for <i>Salmonella</i> in water	500 g	18331
211086	Brucella Agar Cultivation of <i>Brucella</i> species and for the isolation and cultivation of a wide variety of fastidious and nonfastidious microorganisms	500 g	5747

\*Store at 2–8°C

## Dehydrated Culture Media

Cat. No.	Description	Pack Size	List Price
211088	Brucella Broth Cultivation of Brucella species and for the isolation and cultivation of a wide variety of fastidious and nonfastidious microorganisms	500 g	6709
290720	Buffered Listeria Enrichment Broth Base Used for the isolation of Listeria	500 g	3524
218105	Buffered Peptone Water	500 g	4017
218103	For injured Salmonella in food	2 kg	On Request
218104		10 kg	On Request
212367		500 g	4962
212345		5 lb (2.3 kg)	On Request
214939	For injured Salmonella in food	500 g	15032
214938		10 kg	On Request
257820	Bushnell-Haas Broth Cultivation and detection of bacteria capable of utilizing hydrocarbons	500 g	12104
212218	CLED Agar Isolation, enumeration and presumptive identification of microorganisms from urine	500 g	4299
211094	CTA Agar Used for carbohydrate fermentation tests with corynebacteria and especially for differentiation of <i>C. diphtheriae</i> from related species	500 g	17442
252310	Cystine Tryptic Agar (CTA Medium)	500 g	16680
211096	Use with added carbohydrates in differentiating microorganisms based on fermentation reactions and motility	500 g	12394
214892	Campylobacter Agar Base	500 g	18960
218201	For use with blood and antibiotics in isolating and cultivating Campylobacter	2 kg	On Request
214891	Campylobacter Antimicrobial Supplement Skirrow (Vancomycin, Polymyxin B, Trimethoprim) Each vial when reconstituted to prepare 500 mL of Campylobacter Agar, Skirrow formulation	6x5 ml	16639
214890	Campylobacter Antimicrobial Supplement Blaser (Vancomycin, Polymyxin B, Trimethoprim, Cephalothin, Amphotericin B) Each vial when reconstituted to prepare 500 mL of Campylobacter Agar, Blaser formulation	6x5 ml	15806
283510	Candida BCG Agar Base For the primary isolation and identification of <i>Candida</i> sp.	500 g	14297
211102	Cary and Blair Transport Medium For collecting, transporting and preserving microbiological specimens, particularly <i>Vibrio cholerae</i>	500 g*	11047
211106	Casman Agar Base Cultivation of fastidious pathogenic organisms from clinical specimens	500 g	8183
285420	Cetrimide Agar Base Selective isolation and identification of <i>P. aeruginosa</i>	500 g	6481
211805	Chapman Stone Medium Selective isolation of staphylococci based on mannitol fermentation and gelatinase activity	500 g	23569
289410	Charcoal Agar Cultivation of fastidious organisms, particularly <i>B. pertussis</i> for vaccine production and stock culture maintenance	500 g	9163

## Dehydrated Culture Media

Cat. No.	Description	Pack Size	List Price
212961	CHROMagar™ Candida Isolation and differentiation of <i>Candida albicans</i> , <i>C. tropicalis</i> and <i>C. krusei</i>	500 g	14259
212962	CHROMagar™ Orientation Isolation, differentiation and enumeration of urinary tract pathogens	500 g	15124
211116	Coagulase Mannitol Agar Differentiation of <i>Staphylococcus aureus</i> from other species based on coagulase production and mannitol utilization	500 g	11354
279240	Columbia Blood Agar Base	500 g	6691
279220	Infusion free basal medium used with or without blood for cultivation of	2 kg	On Request
211124	Columbia Agar Base	500 g	5337
211125	Base medium used with or without blood for cultivation of fastidious microorganisms	5 lb (2.3 kg)	On Request
211126		25 lb (11.3 kg)	On Request
211866	Slides Enrichment Used to enrich a variety of media for the cultivation of various microorganisms	10 x 5 ml*	3422
279030	Columbia Blood Agar Base EH	500 g	9031
279010	Infusion-free basal medium used with blood for enhanced beta-hemolytic reactions after overnight incubation and for cultivation of fastidious microorganisms	2 kg	On Request
279020		10 kg	On Request
294420	Columbia Broth Cultivation of fastidious microorganisms	500 g	14502
212104	Columbia CNA Agar	500 g	5451
294221	Use with blood for selective isolation of gram-positive cocci	5 lb (2.3 kg)	On Request
212249		25 lb (11.3 kg)	On Request
270310	Cooke Rose Bengal Agar Use with or without Antimicrobial Vial A. For the selective isolation of fungi from environmental and food specimens	500 g	9423
233331	Antimicrobial Vial A Used in the preparation of Cooke Rose Bengal Agar	6x10ml*	12793
226730	Cooked Meat Medium	500 g	34787
226710	Cultivation of anaerobic bacteria and maintenance of stock cultures	10 kg	On Request
211132	Corn Meal Agar General purpose medium for the cultivation of fungi. With the incorporation of polysorbate 80, utilized for the testing of <i>Candida</i> species for their ability to produce chlamyospores	500 g	25276
246710	Cystine Assay Medium Microbiological assay of L-cystine	100 g*	10314
247100	Cystine Heart Agar Microbiological assay of L-cystine	500 g	15634
233810	Czapek-Dox Broth Defined medium for cultivation of organisms capable of utilizing inorganic nitrogen	500 g	3279
233910	Czapek Solution Agar Defined medium for cultivation of fungi and bacteria capable of utilizing inorganic nitrogen	500 g	5575
211144	DCLS Agar Isolation of <i>Salmonella</i> and <i>Shigella</i> from fecal specimens	500 g	15318

\*Store at 2–8°C

## Dehydrated Culture Media

Cat. No.	Description	Pack Size	List Price
268620	D/E Neutralizing Agar	500 g*	11003
268610	Testing of disinfectants and sanitation efficiency	10 kg*	On Request
281910	D/E Neutralizing Broth Testing of disinfectants and sanitation efficiency	500 g*	7689
263220	DNase Test Agar	500 g	10410
211179	For differentiating microorganisms based on deoxyribonuclease activity	500 g	19087
222020	DNase Test Agar with Methyl Green Deoxyribonuclease test for differentiation of <i>S. aureus</i> and <i>S. marcescens</i> from organisms with similar characteristics	500 g	15287
299081	DNase Test Agar with Toluidine Blue Detection of deoxyribonuclease activity to aid in the identification of bacteria isolated from clinical specimens	500 g	42780
258710	DRBC Agar Supports good growth of yeasts and molds while inhibiting bacteria and the spreading of rapidly growing molds	500 g	7586
289020	Decarboxylase Base Moeller Use to differentiate bacteria based on ability to decarboxylate amino acids	500 g	18201
211430	Decarboxylase Broth Base, Moeller Use with added amino acid in differentiating bacteria based on amino acid decarboxylation	500 g	20746
287220	Decarboxylase Medium Base Differentiation bacteria based on amino acid decarboxylation	500 g	14116
265320	Demi-Fraser Broth Base	500 g	5346
265310	For use with Fraser Broth Supplement in selectively and differentially enriching <i>Listeria</i> . Reduced Acriflavine and Nalidixic Acid levels	10 kg	On Request
227310	Desoxycholate Agar Differential selective medium for the isolation of gram-negative enteric bacilli.	500 g	6132
212330	Dermatophyte Test Medium Base	500 g	33579
227410	Desoxycholate Citrate Agar Selective isolation of enteric pathogens, particularly <i>Salmonella</i> and <i>Shigella</i>	500 g	12690
242010	Desoxycholate Lactose Agar For isolating and differentiating gram-negative enteric bacilli; for enumerating coliforms from water, wastewater, milk and dairy products	500 g	5915
267100	Dextrose Agar Use with or without blood to cultivate a wide variety of microorganisms	500 g	19967
263100	Dextrose Broth Cultivation of fastidious microorganisms	500 g	11401
266200	Dextrose Starch Agar Propagation of <i>N. gonorrhoeae</i> and other fastidious microorganisms	500 g	16065
280100	Dextrose Tryptone Agar Cultivation of thermophilic "flat-sour" bacteria associated with food spoilage	500 g	6581
264120	Differential Reinforced Clostridial Agar For enumeration and cultivation of sulfate-reducing <i>Clostridia</i> in foods	500 g	14028
238510	Dubos Broth Base Use with Dubos Medium Albumin Cultivation of pure cultures of <i>M. tuberculosis</i>	500 g	12880

## Dehydrated Culture Media

Cat. No.	Description	Pack Size	List Price
230910	Dubos Medium Albumin Use with Dubos Broth Base for the cultivation of M. tuberculosis. 5% Albumin fraction V, 7.5% dextrose in normal saline	12x20 ml*	7437
237310	Dubos Oleic Agar Base Use with Dubos Oleic Albumin Complex Isolation of M. tuberculosis and determination of its sensitivity to therapeutic agents	500 g	18070
237510	Dubos Oleic Albumin Complex Use with Dubos Oleic Agar Base for isolation of M. tuberculosis; 0.05% alkalized oleic acid with 5% albumin fraction V in normal saline	12x20 ml*	8829
233310	m E Agar	100 g	2830
233320	For use with nalidixic acid and triphenyl tetrazolium chloride in the selective differentiation and enumeration of enterococci using membrane filter technique	500 g	8125
231420	EC Medium	100 g	1956
231430	Differentiation and enumeration of fecal and nonfecal coliforms in water,	500 g	5222
231410	wastewater, shellfish and foods	10 kg	On Request
222100	EC Medium with MUG	100 g	2724
222200	Detecting Escherichia coli in water, food and milk	500 g	8275
234020	EC Medium, Modified	500 g	8070
234010	For preenrichment of food samples prior to detection of E. coli 0157. Use with Novobiocin Antimicrobial Supplement	2 kg	On Request
231971	Novobiocin Antimicrobial Supplement Contains 20 mg of Novobiocin per liter of final medium. May be used with Brilliant Green Agar, Modified EC Medium and Rappaport-Vassiliadis (MSRV) Semisolid Modification	6x10ml*	6451
256620	EE Broth Mossel	500 g	8091
297005	Selective enrichment for Enterobacteriaceae particularly from foods	500 g	23851
214885	mEI Agar the membrane filter technique. Conforms with US EPA Approved Method 1600	100 g	9369
212107	EVA Broth Detection and confirmation of enterococci in water	500 g	21041
211215	Eosin Methylene Blue Agar, Modified, Holt-Harris and Teague For isolating and differentiating lactose-fermenting from lactose-nonfermenting gram-negative enteric bacilli	500 g	5365
211221	Eosin Methylene Blue Agar, Levine	500 g	5298
211222	For isolating and differentiating lactose-fermenting from lactose-nonfermenting gram-negative enteric bacilli	5 lb (2.3 kg)	On Request
211191	EMB Agar, Levine, without Lactose For convenience in genetic studies of enteric bacilli	500 g	21103
212183	Elliker Broth (Lactobacilli Broth) Cultivation of lactobacilli and streptococci	500 g	8625
211199	Endo Agar Detection of coliform and other enteric microorganisms	500 g	6685

\*Store at 2-8°C

## Dehydrated Culture Media

Cat. No.	Description	Pack Size	List Price
273610	m Endo Agar LES	100 g	2257
273620	Enumeration of coliforms in water by the membrane filter technique	500 g	6222
274920	m Endo Broth MF™	100 g	2295
274930	Millipore™ Filter, one step membrane filtration technique for the enumeration of coliforms	500 g	6575
218281	Enteric Fermentation Base Use with Andrade's Indicator to determine fermentation reactions	500 g	35010
212205	Enterococcosel™ Agar Differential isolation and presumptive identification of enterococci	500 g	7149
212207	Enterococcosel™ Broth Presumptive identification of enterococci	500 g	16095
274610	m Enterococcus Agar	100 g	2994
274620	Selective isolation and enumeration of enterococci using the membrane filtration technique	500 g	9275
248810	Esculin Iron Agar Used with m E Agar for enumerating esculin-hydrolyzing organisms	100 g	6367
258910	Eugon Agar For cultivation of a variety of organisms. Well suited for large scale vaccine production	500 g	9687
259010	Eugon Broth For cultivation of a variety of organisms. Well suited for large scale vaccine production	500 g	5396
267710	m FC Agar	100 g	2399
267720	Use with Rosolic Acid. For detection and enumeration of fecal coliforms by the membrane filter technique at elevated temperatures	500 g	7379
232281	Rosolic Acid Use with mFC Broth Base and mFC Agar for detection and enumeration of fecal coliforms	6 x 1 g	18920
269810	m FC Basal Medium For detection and enumeration of fecal coliforms by the membrane filter technique at elevated temperatures. MUGP or BCIG may be added	500 g	19117
288320	m FC Broth Base	100 g	2504
288330	Use with Rosolic Acid for detection and enumeration of fecal coliforms by the membrane filter technique at elevated temperatures	500 g	8022
211248	FTA Hemagglutination Buffer Phosphate Buffered Saline, pH 7.2	500 g	2898
298710	Fletcher Medium Base Use with sterile normal rabbit serum for isolation, cultivation and maintenance of Leptospira Flo Agar (see Pseudomonas F Agar)	500 g	27367
264210	Fluid Sabouraud Medium Use for detection of yeasts and molds in sterility procedures	500 g	11636
225640	Fluid Thioglycollate Medium	100 g	2094
225650	Use for sterility testing	500 g	4725
225620		2 kg	On Request
225630		10 kg	On Request

\*Store at 2–8°C



## Dehydrated Culture Media

Cat. No.	Description	Pack Size	List Price
211260		500 g	4313
211264		25 lb (11.3 kg)	On Request
269720	Fluid Thioglycollate Medium with Beef Extract	500 g	11102
269710	Recommended by the Agricultural Research Service	10 kg	On Request
212169	Folic AOAC Medium Microbiological assay of folic acid	100 g*	2460
231810	Folic Acid Assay Medium Microbiological assay of folic acid	100 g*	3826
282210	Folic Acid Casei Medium Microbiological assay of folic acid	100 g*	4518
211767	Fraser Broth Base	500 g	5600
211742	Fraser Broth Supplement Use with Fraser Broth Base, Ferric Ammonium Citrate	6 x 10 ml*	3209
228950	GC Medium Base	500 g	5279
228920	Use with Hemoglobin or Hemoglobin 2%, Antimicrobial Vial CNV or CNVT, Supplement A, B, C or VX. Cultivation of <i>N. gonorrhoeae</i> and other fastidious organisms	2 kg	On Request
228930		10 kg	On Request
211875	IsoVitaleXTM Enrichment	5 x 2 ml*	6708
211876	lyophilized, with 2 mL Diluent	5 x 10 ml*	3893
212227	VCN Inhibitor	10 x 2 ml**	6192
212228	Antibiotic mixture of Vancomycin, Colistin and Nystatin, lyophilized	10 x 10 ml**	5742
212408	VCNT Inhibitor Antibiotic mixture of Vancomycin, Colistin, Nystatin and Trimethoprim, lyophilized	10 x 10 ml**	5574
212269	VCA Inhibitor Antibiotic mixture of Vancomycin, Colistin and Anisomycin, lyophilized	10 x 10 ml**	63824
212404	VCAT Inhibitor Antibiotic mixture of Vancomycin, Colistin, Anisomycin and Trimethoprim, lyophilized	10 x 10 ml**	55287
211279	GN Broth Selective enrichment of <i>Salmonella</i> and <i>Shigella</i>	500 g	5422
248610	GN Broth, Hajna Selective cultivation of gram-negative organisms	500 g	5774
218091	Giolitti-Cantoni Broth Base Use with Potassium Tellurite Solution 3.5%. Selective enrichment for <i>S. aureus</i> isolation from food	500 g	8568
268510	HC Agar Base For enumerating molds in cosmetics. Use with Tween 80	500 g	6509
275220	m HPC Agar Heterotrophic Plate Count by membrane filter technique	500 g	6481
244400	Heart Infusion Agar	500 g	9053
244100	Use with or without blood for the isolation and cultivation of a wide variety of microorganisms	2 kg	On Request
211839		10 kg	On Request
238400	Heart Infusion Broth	500 g	8053

\*Store at 2–8°C

## Dehydrated Culture Media

Cat. No.	Description	Pack Size	List Price
238100	Isolation and cultivation of a wide variety of fastidious microorganisms	2 kg	On Request
211286	M-Green Yeast and Mold Broth	100 g*	1673
211287		500 g*	3508
285340	Hektoen Enteric Agar	500 g	8621
285310	For selective, differential isolation of Salmonella and Shigella from other gram-negative enteric bacilli.	2 kg	On Request
285320		10 kg	On Request
276910	ISP Medium 1 International Streptomyces Project Tryptone Yeast Extract Broth	500 g	12377
277010	ISP Medium 2 International Streptomyces Project Yeast Malt Extract Agar	500 g	13233
277210	ISP Medium 4 International Streptomyces Project Inorganic Salts Starch Agar	500 g	15354
211299	Indole Nitrite Medium (Trypticase™ Nitrate Broth) Used for the identification of microorganisms by means of the nitrate reduction and indole tests	500 g	19311
212222	Inositol Assay Medium Microbiological assay of inositol	100 g*	3765
292846	Inhibitory Mold Agar	500 g	6658
212254	For the isolation of pathogenic fungi	5 lb (2.3 kg)	On Request
249610	KF Streptococcus Agar Use with TTC or TTC Solution 1%, if desired. For selective enumeration of fecal streptococci	500 g	5544
212226	KF Streptococcus Broth Use with TTC or TTC Solution 1%, if desired. For selective enumeration of fecal streptococci	500 g	22449
211317	Kligler Iron Agar Identification of gram-negative enteric bacilli based on fermentation of dextrose and lactose and the production of hydrogen sulfide	500 g	5836
215100	Koser Citrate Medium Differentiation of E. coli and E. aerogenes based on citrate utilization	500 g	24317
240110	LB Agar, Lennox Propagation and maintenance of E. coli for molecular biology. Contains 5g/L NaCl	500 g	6092
244520	LB Agar, Miller (Luria-Bertani) Propagation and maintenance of E. coli for molecular biology. Contains 10g/L NaCl	500 g	4533
244510		2 kg	On Request
240230	LB Broth, Lennox Propagation and maintenance of E. coli for molecular biology. Contains 5g/L NaCl	500 g	3888
240210		2 kg	On Request
240220		10 kg	On Request
244620	LB Broth, Miller (Luria-Bertani)	500 g	3422
244610		2 kg	On Request
214906		10 kg	On Request
292438	LB Broth Base, Select APS™	500 g	8030
212484	Propagation and maintenance of E. coli for molecular biology. Non-animal origin formulation	10 kg	On Request

## Dehydrated Culture Media

Cat. No.	Description	Pack Size	List Price
211327	LBS Agar Selective isolation and enumeration of lactobacilli	500 g*	6842
211331	LBS Broth Selective medium for isolation and cultivation of lactobacilli	500 g*	30993
222120	LPM Agar Base	500 g*	28339
222110	Use with Moxalactam Antimicrobial Supplement for isolation of <i>L. monocytogenes</i>	2 kg*	On Request
212402	Listeria Selective Supplement Supplement, 2 mL, (Moxalactam), lyophilized	10 x 2ml*	22131
290010	Lactobacilli Agar AOAC AOAC Maintenance of stock cultures for vitamin and amino acid microbiological assays	100 g*	4125
290110	Lactobacilli Broth AOAC AOAC Used to prepare microorganism inocula for vitamin assays	100 g*	13191
288210	Lactobacilli MRS Agar For cultivation of lactobacilli	500 g*	6205
288130	Lactobacilli MRS Broth	500 g*	5232
288110	Cultivation of lactobacilli	2 kg*	On Request
288120		10 kg*	On Request
243000	Lactose Broth	100 g	2704
211835	Cultivation of Salmonella and coliform organisms in water, foods, dairy and pharmaceutical products	500 g	4907
241000		2 kg	On Request
242000		10 kg	On Request
266520	Lactose Peptone Broth	500 g	7399
266510	Detection of coliform organisms in water	10 kg	On Request
224140	Lauryl Tryptose Broth(Lauryl Sulfate Broth)	100 g	1796
224150	Medium for detection of coliform bacteria	500 g	4494
224120		2 kg	On Request
224130		10 kg	On Request
211338		500 g	4611
211339		51b (2.3 kg)	On Request
294369		251b (11.3 kg)	On Request
211740	Lauryl Tryptose Broth with MUG	100 g	4169
211744	Medium for detection of coliform bacteria	500 g	6590
298076		500 g	6684
218301	Legionella Agar Base Use with Legionella Agar Enrichment to isolate and cultivate Legionella	500 g	14474
233901	Legionella Agar Enrichment L-cysteine and ferric pyrophosphate. Use with Legionella Agar Base for the isolation of Legionella	6 x 5 ml*	8226
211883	Leptospira Enrichment	10 x 10 ml*	19831
279510	Leptospira Enrichment EMJH Use with Leptospira Medium Base EMJH	6 x 100 ml*	29993

\*Store at 2–8°C

## Dehydrated Culture Media

Cat. No.	Description	Pack Size	List Price
279410	Leptospira Medium Base EMJH Use with Leptospira Enrichment EMJH to cultivate and maintain Leptospira	500 g	4530
268010	Lethen Agar For evaluating the bactericidal activity of quaternary ammonium compounds	500 g*	10734
263110	Lethen Agar, Modified	500 g*	7010
292847	Microbiological evaluation of cosmetics-neutralizes quaternary ammonium compounds	2 kg*	On Request
268110	Lethen Broth For determining the phenol coefficient of cationic surface-active materials	500 g*	16663
263010	Lethen Broth, Modified Microbiological evaluation of cosmetics-inactivates preservative agents	500 g*	7766
222220	Listeria Enrichment Broth	500 g	6427
222210	Selective enrichment for L. monocytogenes from non-dairy and processed food products	10 kg	On Request
220530	Listeria Enrichment Broth, Modified	500 g	6524
245152	Selective enrichment of Listeria in dairy products	2 kg	On Request
220520		10 kg	On Request
211343	Litmus Milk Used for the maintenance of lactic acid bacteria and as a differential medium for determining the action of bacteria on milk	500 g	9289
252100	Liver Infusion Agar Cultivation of Brucella, anaerobes, and other pathogens	500 g	24686
226920	Liver Infusion Broth Cultivation of Brucella and other pathogens	500 g	15478
259100	Liver Veal Agar Cultivation of anaerobic bacteria	500 g	10784
244420	Lowenstein Medium Base	500 g	3724
244410	Prepared tubed and ampuled media available. Use with Glycerol to prepare a variety of coagulated egg media for isolation and differentiation of mycobacteria	2 kg	On Request
241320	Luria Agar Base, Miller	500 g	7519
211829	Propagation and maintenance of E. coli for use in molecular biology. Contains 0.5 g/L NaCl	2 kg	On Request
241420	Luria Broth Base, Miller	500 g	6365
241410	Propagation and maintenance of E. coli for use in molecular biology. Contains 0.5 g/L NaCl	2 kg	On Request
242210	Lysine Assay Medium For microbiological assay of lysine	100 g*	6460
211759	Lysine Decarboxylase Broth Differentiation of bacteria based on ability to decarboxylate lysine	500 g	9602
284920	Lysine Iron Agar	500 g	5682
211363	Differentiation of enteric organisms based on their ability to decarboxylate or deaminate lysine and to form hydrogen sulfide	500 g	7050
248510	M9 Minimal Salts, 5X For cultivation of recombinant strains of E. coli	500 g	6147

## Dehydrated Culture Media

Cat. No.	Description	Pack Size	List Price
218571	M17 Agar Isolation of mesophilic lactic streptococci	500 g	19583
218561	M17 Broth Selective isolation and enumeration of streptococci	500 g	8192
294020	M Broth	500 g*	6903
294010	Detection of Salmonella by the accelerated enrichment serology procedure	2 kg*	On Request
214882	MI Agar	100 g	13321
214883	Base for the simultaneous chromogenic-fluorogenic detection and enumeration of total coliforms and E. coli in drinking water by the membrane filter technique. Conforms with US EPA Approved Method 1604	500 g	60490
218041	MIL Medium Motility Indole Lysine	500 g	12436
273520	MIO Medium Motility Indole Ornithine	500 g	8183
216300	MR-VP Medium (Buffered Peptone-Glucose Broth) Methyl Red-Voges Proskauer Buffered Glucose Broth. Use with Difco™/BBL™ Voges-Proskauer Reagents A and B	500 g	9498
211383	MR-VP Broth (Buffered Peptone-Glucose Broth) Differentiation of bacteria by means of the methyl red and Voges-Proskauer reactions	500 g	8799
281010	MYP Agar Use with Egg Yolk Enrichment 50% and Antimicrobial Vial P for presumptive identification of B. cereus in foods	500 g	4882
232681	Antimicrobial Vial P Used in the preparation of MYP Agar and SFP Agar Base	6 x 10 ml*	7260
212123	MacConkey Agar	500 g	4889
212122	For differential isolation of enteric bacilli based on lactose fermentation	2 kg	On Request
275300		10 kg	On Request
211387		500 g	4498
211390		5lb (2.3 kg)	On Request
211391		251b (11.3 kg)	On Request
281810	MacConkey Agar Base Prepared without carbohydrates for coliform fermentation studies	500 g	10543
247010	MacConkey Agar without CV	500 g	14763
211393	Less selective than MacConkey Agar, to permit growth of staphylococci and enterococci	500 g	11761
294584	MacConkey Agar without CV or Salt For the isolation and differentiation of enteric organisms	500 g	11432
233120	MacConkey Agar without Salt	500 g	23810
233110	Restricts the swarming of most Proteus sp., facilitating gram-negative bacilli isolation	10 kg	On Request
212306	MacConkey II Agar	500 g	5600
292861	Slightly selective and differential medium for the detection of coliform organisms and enteric pathogens	10 kg	On Request
220100	MacConkey Broth Detection of coliform organisms in milk and water	500 g	5948

\*Store at 2-8°C

## Dehydrated Culture Media

Cat. No.	Description	Pack Size	List Price
279100	MacConkey Sorbitol Agar Isolation and differentiation of enteropathogenic E. coli serotypes	500 g	8419
239520	Malonate Broth Differentiation of Enterobacter and Escherichia on the basis of malonate utilization	500 g	10300
256910	Malonate Broth, (Ewing) Modified	500 g	16777
211399	Differentiation of Enterobacteriaceae on the basis of malonate utilization	500 g	18763
224200	Malt Agar	500 g	9669
224100	Detection and isolation of yeasts and molds	10 kg	On Request
211401		500 g	12239
211220	Malt Extract Agar Isolation, detection and enumeration of yeasts and molds	500 g	5850
211320	Malt Extract Broth Isolation, detection and enumeration of yeasts and molds	500 g	5368
211407	Mannitol Salt Agar	500 g	2522
211410	Isolation of pathogenic staphylococci	51b (2.3 kg)	On Request
293689		251b (11.3 kg)	On Request
212185	Marine Agar 2216 Isolation, cultivation and enumeration of heterotrophic marine bacteria	500 g	5531
279110	Marine Broth 2216 Cultivation of heterotrophic marine bacteria	500 g	4474
218971	Maximum Recovery Diluent Isotonic diluent for the maximum recovery of organisms	500 g	5889
294110	McClung Toabe Agar Base Use with Egg Yolk Enrichment 50% for detection and isolation of C. perfringens from foods based on the lecithinase reaction	500 g	13194
231920	Micro Assay Culture Agar Cultivation of lactobacilli and other organisms used in the microbiological analysis of vitamins and amino acids	500 g	30367
211813	Micro Inoculum Broth Recommended medium for preparation of lactobacilli inoculum for vitamin assays	500 g	17789
255320	Microbial Content Test Agar (Tryptic Soy Agar with Lecithin and Polysorbate 80	500 g	6819
255310	Detection of microorganisms on surfaces sanitized with quaternary ammonium compounds	2 kg	On Request
211764		500 g	6395
212263		51b (2.3 kg)	On Request
271310	Middlebrook 7H9 Broth Use with Tween 80 or Glycerol and Middlebrook ADC Enrichment for cultivation of mycobacteria and preparation of tubercle emulsion for susceptibility testing	500 g	18443
262710	Middlebrook 7H10 Agar Use with Glycerol and Middlebrook OADC Enrichment for isolation and cultivation of mycobacteria	500 g	27244
211887	Middlebrook ADC Enrichment	10 x 20 ml*	26994
212352	Enrichment, 20 mL per tube, "A" size tube	6 x 100 ml*	89271
211886	Middlebrook OADC Enrichment	10 x 20 ml*	13986

\*Store at 2-8°C

## Dehydrated Culture Media

Cat. No.	Description	Pack Size	List Price
212240	Enrichment, 20 mL per tube, "A" size tube	6 x 100 ml*	64242
212351		500ml*	38851
218591	Milk Agar IDF Formulation. Total count medium for milk and dairy products	500 g	6055
254410	Minimal Agar Davis Isolation and characterization of nutritional mutants of E. coli	500 g	17949
275610	Minimal Broth Davis without Dextrose Isolation and characterization of nutritional mutants of E. coli and B. subtilis	500 g	11964
229810	Mitis Salivarius Agar Use with Chapman Tellurite Solution 1% for selective isolation of S. mitis, S. salivarius and enterococci	500 g	6185
286910	Motility GI Medium Semisolid gelatin heart infusion medium for demonstrating microorganism motility	500 g	8567
211436	Motility Test Medium For demonstrating microorganism motility	500 g	6740
211438	Mueller Hinton II Agar	500 g	4798
211441	Antimicrobial susceptibility testing of microorganisms by agar diffusion methods	5lb (2.3kg)	On Request
212257		251b (11.3 kg)	On Request
212322	Mueller Hinton II Broth Antimicrobial susceptibility testing of microorganisms by broth dilution methods	500 g	5840
218531	Muller Kauffmann Tetrathionate Broth Base ISO Formulation Enrichment broth for the selective isolation of Salmonella	500 g	10924
283810	Mycobacteria 7H11 Agar Use with Glycerol and Middlebrook OADC Enrichment for isolation, cultivation and susceptibility testing of Mycobacteria	500 g	6452
211462	Mycosel™ Agar For the isolation of pathogenic fungi from materials having a large flora of other fungi and bacteria	500 g	17119
240520	Mycological Agar Cultivation, isolation and identification of fungi	500 g	20855
211445	Mycophil™ Agar Cultivation and maintenance of fungi, for the demonstration of chromogenesis and for obtaining yeast and mold counts	500 g	40227
211450	Mycophil™ Agar with Low pH Isolation and enumeration of yeast and molds	500 g	10277
225710	NIH Thioglycollate Broth (USP Alternative Thioglycollate Medium) Use for sterility testing per USP Alternative Thioglycollate Medium	500 g	10725
236210	Neutralizing Buffer Inactivates chlorine and quaternary ammonium compounds	100 g	2089
232210	Niacin Assay Medium Microbiological assay of niacin	100 g*	2636
226810	Nitrate Broth Determination of nitrate reduction by bacteria	500 g	14252

\*Store at 2–8°C

## Dehydrated Culture Media

Cat. No.	Description	Pack Size	List Price
212000	Nutrient Agar	100 g	2105
213000	General purpose medium for the cultivation of a wide variety of microorganisms	500 g	6062
211665		2 kg	On Request
269100	Nutrient Agar 1.5% Use with blood or other enrichments for cultivation of fastidious microorganisms	500 g	16615
263410	Nutrient Agar pH 6.0 General purpose medium for cultivation of microorganisms requiring slightly acidic pH	500 g	28342
223100	Nutrient Agar with MUG	100 g	4761
223200	Fluorogenic assay for the detection and enumeration of E. coli in water	500 g	17881
233000	Nutrient Broth	100 g	2752
234000	General purpose medium for the cultivation of microorganisms with non-exacting nutritional requirements	500 g	9474
231000		2 kg	On Request
232000		10 kg	On Request
211100	Nutrient Gelatin Determination of gelatin liquefaction by proteolytic microorganisms	500 g	6675
240410	NZCYM Broth For cultivation of molecular genetic strains of E. coli Formulation recommended	500 g	9301
241510	NZYM Broth	500 g	8157
268820	OF Basal Medium Oxidation/Fermentation medium for differentiation and classification of gram-negative microorganisms	500 g	6312
218111	OGYE Agar Base Use with Antimicrobial Vial Oxytetracycline for selective isolation of yeasts and molds in foods	500 g	6776
255210	Oatmeal Agar (ISP Medium 3) Cultivation of fungi, particularly for macrospore production	500 g	5759
211486	Orange Serum Agar For the enumeration and cultivation of microorganisms in citrus juice concentrates and other products	500 g	11910
251810	Orange Serum Broth Concentrate 10x	6 x 100 ml*	64744
211763	Modified Oxford Antimicrobial Supplement Moxalactam-Colistin Sulfate; use with Oxford Medium Base	6 x 10 ml*	14035
222530	Oxford Medium Base	500 g	7901
222510	Use with Modified Oxford Antimicrobial Supplement or Oxford Antimicrobial Supplement to isolate L. monocytogenes	2 kg	On Request
298153	M-PA-C Agar For the selective recovery of Pseudomonas aeruginosa from water	500 g	7360
263710	PALCAM Antimicrobial Supplement For use with PALCAM Medium Base in preparing Palcam Medium for PALCAM selective isolation of Listeria from foods	3 x 10 ml*	4047
263620	PALCAM Medium Base	500 g	10973
263610	Use with PALCAM Antimicrobial Supplement in isolating and cultivating Listeria from foods.	2 kg	On Request
241210	PPLO Agar (Mycoplasma Agar) Use with Mycoplasma Supplement for isolation and cultivation of Mycoplasma	500 g	7471



## Dehydrated Culture Media

Cat. No.	Description	Pack Size	List Price
211456	PPLO Agar Base (Mycoplasma Agae Base)	500 g	7113
255420	PPLO Broth (Mycoplasma Broth)	500 g	5625
255410	Use with Mycoplasma Supplement for isolation and cultivation of Mycoplasma	10 kg	On Request
211458	PPLO Broth Base (Mycoplasma Broth Base)	500 g	8020
212346	Mycoplasma Broth Base (Frey)	500 g	7895
212347	For the cultivation of avian mycoplasmas	51b (2.3 kg)	On Request
283610	Mycoplasma Supplement Prepared from yeast extract and horse serum	6 x 30 ml*	30548
212292	Mycoplasma Enrichment without Penicillin lyophilized, 30 mL vial	10 x 30 ml*	43807
281610	Pantothenate Medium For use in USP and AOAC methods for microbiological assay of pantothenate	100 g*	6612
260410	Pantothenate Assay Medium Microbiological assay of pantothenate	100 g*	2719
289100	Peptone Iron Agar Use as an indicator of hydrogen sulfide production	500 g	14180
218071	Peptone Weter For cultivation of nonfastidious organisms, for studying carbohydrate fermentation and for performing the indole test	500 g	8988
211502	Phenol Red Agar Base	500 g	19930
211506	Phenol Red Broth Base	500 g	5089
211514	Phenol Red Dextrose Broth	500 g	5971
211519	Phenol Red Lactose Broth	500 g	13012
211527	Phenol Red Mannitol Broth	500 g	13174
210310	Phenol Red Mannitol Agar Determination of the ability of microorganisms to ferment mannitol	500 g	16690
211533	Phenol Red Sucrose Broth Determination of the ability of microorganisms to ferment sucrose	500 g	18333
274520	Phenylalanine Agar	500 g	9991
211537	Differentiation of Proteus and Providencia from other Enterobacteriaceae based on deamination of phenylalanine	500 g	10944
211539	Phenylethyl Alcohol Agar For the isolation of gram-positive cocci from specimens containing gram-positive and gram-negative flora when supplemented with 5% sheep blood	500 g	6539
223142	Phosphate Buffered Saline, pH 7.2	100 g	1487
223143	For use with fluorescent antibody reagents	6 x 10 g	6759
211544	Phosphate Buffer, pH 7.2	500 g	4986
247930	Plate Count Agar (Standard Methods Agar)	100 g	2064
247940	Standard Methods Agar. Enumeration of bacteria in water, wastewater, food and dairy	500 g	5500
247910		2 kg	On Request
247920		10 kg	On Request
212455		100 g	2927

\*Store at 2-8°C

## Dehydrated Culture Media

Cat. No.	Description	Pack Size	List Price
211638		500 g	4626
211641		51b (2.3 kg)	On Request
275120	m Plate Count Broth Nonselective determination of bacterial counts by the membrane filter technique	500 g	9767
211546	Phytone™ Yeast Extract Agar Selective isolation of dermatophytes, particularly <i>Trichophyton verrucosum</i> , and other pathogenic fungi from routine clinical specimens	500 g	5569
213300	Potato Dextrose Agar	100 g	1898
213400	Cultivation of yeasts and molds	500 g	3443
213200		2 kg	On Request
254920	Potato Dextrose Broth Cultivation of yeasts and molds from food and dairy products	500 g	2417
251100	Potato Infusion Agar Isolation of <i>Brucella abortus</i>	500 g	28246
219200	Presence-Absence Broth	500 g	5683
219100	One step method for presumptive identification of coliforms in water	2 kg	On Request
292862		10 kg	On Request
265100	Proteose No.3 Agar For use with Hemoglobin and Supplement A, B or VX for isolation and Cultivation of <i>Neisseria</i> and <i>Haemophilus</i>	500 g	27342
244820	<i>Pseudomonas</i> Agar F Used for the enhancement of fluorescein production	500 g	8098
244910	<i>Pseudomonas</i> Agar P Use with Glycerol for detection and differentiation of <i>P. aeruginosa</i> based on pyocyanin production	500 g	8561
292710	<i>Pseudomonas</i> Isolation Agar Use with Glycerol for selective isolation and differentiation of <i>P. aeruginosa</i> based on pigment formation	500 g	6396
222810	Purple Agar Base Basal medium to which carbohydrates are added to determine fermentation reactions	500 g	9094
222710	Purple Broth Base	500 g	6169
211558	Basal medium to which carbohydrates are added to determine fermentation reactions	500 g	19769
295110	Pyridoxine Y Medium Microbiological assay of pyridoxine	100 g*	3051
218262	R2A Agar	100 g	2485
218263	Low nutrient medium for enumeration and cultivation of bacteria from potable water	500 g	6865
218261		2 kg	On Request
218671	Raka-Ray No.3 Medium For the isolation of lactic acid bacteria in beer	500 g	7090
218681	Rappaport-Vassiliadis (MSRV) Medium, Semisolid Modification Use with Novobiocin Antimicrobial Supplement	500 g	9297
218581	Rappaport-Vassiliadis R10 Broth Used for selectively enriching <i>Salmonella</i> from meat and dairy products, feces and sewagepolluted water	500 g	4787

## Dehydrated Culture Media

Cat. No.	Description	Pack Size	List Price
214943	RVS Soy Broth Selectively enriching Salmonella in food and environmental samples	500 g	13254
218081	Reinforced Clostridial Medium Cultivation and enumeration of anaerobes, particularly Clostridia from foods and clinical specimens	500 g	7072
298123	Regan-Lowe Charcoal Agar Base With 10% horse blood for the isolation of B. pertussis from clinical specimens	500 g	11544
232510	Riboflavin Assay Medium Microbiological assay of riboflavin	100 g*	3674
211567	Rice Extract Agar For the promotion of chlamyospore formation by Candida albicans and C. stellatoideae as a means to differentiate from other Candida species	100 g	10057
248020	Rogosa SL Agar Selective cultivation of oral, vaginal and fecal lactobacilli	500 g*	10728
247810	Rogosa SL Broth Selective cultivation of oral, vaginal and fecal lactobacilli	500 g*	31381
218312	Rose Bengal Agar Base Use with Rose Bengal Antimicrobial Supplement C for selective isolation and enumeration of yeasts and molds from foods, dairy products and the environment	500 g	7780
214904	Rose Bengal Antimicrobial Supplement C	10 x 3ml*	4532
279720	SABHI Agar Base Use with chloromycetin and blood in cultivation and isolation of pathogenic fungi	500 g	22668
271510	SBG Sulfa Enrichment Selective enrichment for the isolation of Salmonella	500 g	17883
231510	SF Medium Enterococcus faecalis medium for the detection of fecal streptococci from milk, water, sewage and feces	500 g	38982
281110	SFP Agar Base Use with Egg Yolk Enrichment 50%, Antimicrobial Vial P and Antimicrobial Vial K for detection and enumeration of C. perfringens in foods	500 g	5870
233391	Antimicrobial Vial K Used in the preparation of SFP Agar Base	6 x10 ml*	15487
211578	SIM Medium Used to differentiate enteric bacilli on the basis of sulfide production, indole formation, and motility	500 g	9300
244310	SOB Medium For cultivation of molecular genetic strains of E. coli	500 g	14433
284530	SPS Agar Sulfite, Polymyxin, Sulfadiazine Selective enumeration of C. perfringens in foods	500 g*	7908
274500	SS Agar (Salmonella Shigella Agar)	500 g	7995
212118	Selective isolation of Salmonella and some Shigella species	2 kg	On Request
274300		10 kg	On Request
211596		100 g	4697
211597		500 g	5307

\*Store at 2-8°C

## Dehydrated Culture Media

Cat. No.	Description	Pack Size	List Price
211600		51b (2.3 kg)	On Request
293306		251b (11.3 kg)	On Request
274720	Sabouraud Agar Modified	500 g	7414
274710	Modification of Sabouraud Dextrose Agar for the cultivation of pathogenic fungi	2 kg	On Request
210940	Sabouraud Dextrose Agar	100 g	1934
210950	For cultivation of yeasts, molds and aciduric microorganisms	500 g	3632
211661		2 kg	On Request
210930		10 kg	On Request
211584		500 g	3224
211585		51b (2.3 kg)	On Request
238220	Sabouraud Dextrose Broth	100 g	2448
238230	Cultivation of yeasts, molds and aciduric microorganisms	500 g	3507
211020	Sabouraud Maltose Agar	500 g	13622
	Cultivation of yeasts, molds and aciduric microorganisms		
242910	Sabouraud Maltose Broth	500 g	24977
	Cultivation of yeasts, molds and aciduric microorganisms		
212189	Schaedler Agar	500 g	7708
	For several media formulations used for the recovery of anaerobic microorganisms		
212191	Schaedler Broth	100 g	2992
	Used for the cultivation of fastidious aerobic and anaerobic microorganisms		
227540	Selenite Broth	500 g	7930
	Selective enrichment of Salmonella from foods		
268740	Selenite Cystine Broth	500 g	8587
268710	Selective enrichment of Salmonella from food and water	2 kg	On Request
214915	Shigella Broth	500 g	24076
	Isolation of Shigella species from food		
212203	Seven H11 Agar Base	500 g	7893
	Isolation and cultivation of mycobacteria, especially Mycobacterium tuberculosis		
211620	Simmons Citrate Agar	500 g	6069
	Differentiation of gramnegative bacteria on the basis of citrate utilization		
210810	Special Yeast and Mold Medium	500 g	49243
	Detection and enumeration of environmental fungi		
295010	Spirit Blue Agar	100 g	7165
295020	Use with Lipase Reagent for enumeration and detection of lipolytic microorganisms	500 g	30566
243110	Lipase Reagent	6 x 20 ml	3380
211636	Spirolate Broth	500 g	9039
	For mass culture of the Reiter treponeme in a medium without agar		
211643	Standard Methods Agar with Lecithin and Polysorbate 80	500 g*	9590
	Detection and enumeration of microorganisms present on surfaces of sanitary importance		
264920	m Staphylococcus Broth	500 g	6891
	Selective isolation of pathogenic enterotoxigenic staphylococci		

## Dehydrated Culture Media

Cat. No.	Description	Pack Size	List Price
229730	Staphylococcus Medium 110 Isolation and differentiation of pathogenic strains of Staphylococcus based on mannitol fermentation, pigment formation and gelatinase activity	500 g	9401
272100	Starch Agar Used for starch hydrolysis test	500 g	10552
254100	Stock Culture Agar Semisolid medium for the maintenance of bacteria, particularly streptococci	500 g	25988
297210	Sulfite Agar Detection of thermophilic anaerobes producing hydrogen sulfide, particularly in foods	500 g	25002
212485	Super Broth, Select APS™	500 g	7258
212486	Enriched medium for the cultivation of recombinant E. coli strains to enhance plasmid yield. Non-animal origin formulation	10 kg	On Request
299316	Super Broth II Enriched medium for the cultivation of recombinant E. coli strains to enhance plasmid yield	500 g	35552
227610	Supplement B	6 x 10 ml*	21613
227620	Sterile enrichment for supplementing media for fastidious microorganisms	100 ml*	50313
252710	Supplement C Sterile yeast concentrate for the isolation of fastidious microorganisms	6 x 5 ml*	16677
233541	Supplement VX	6 x 10 ml*	12628
233542	Sterile concentrate of essential growth factors, V and X	100 ml*	7726
235220	Synthetic Broth AOAC Determination of phenol coefficients of disinfectants	500 g	26356
298410	TAT Broth Base Sterility testing of viscous materials, especially adapted to the sterility testing of cosmetics	500 g	7703
265020	TCBS Agar Selective isolation and cultivation of V. cholerae and other enteropathogenic vibrios	500 g	5217
258410	TDT Agar	500 g	17675
258210	TDT Broth	500 g	13517
233410	m TEC Agar Use with Urea for selective enumeration of thermotolerant E. coli by the membrane filter technique	100 g	3797
214884	Modified m TEC Agar	100 g	16714
214880	Base for the Chromogenic Detection and Enumeration of E. coli in Water by the Membrane Filter Technique. Conforms with US EPA Approved Method 1603	500 g	62680
275010	m TGE Broth	100 g	2630
275020	Nonselective determination of bacterial counts by the membrane filter technique	500 g	7846
211690	TSN Agar Selective isolation of Clostridium perfringens	500 g	15302
249120	TT Broth Base, Hajna	500 g	4140
249110	Selective enrichment for Salmonella from food and dairy products	2 kg	On Request
231121	TTC Solution 1%	30 ml*	1674

\*Store at 2-8°C

## Dehydrated Culture Media

Cat. No.	Description	Pack Size	List Price
261710	Tellurite Glycine Agar Use with Chapman Tellurite Solution 1% for selective isolation of coagulase positive staphylococci	500 g	19324
211917	Tellurite Solution 1%	20 ml	1751
243820	Terrific Broth	500 g	4408
243810	For cultivation of molecular genetic strains of E. coli. Formulation developed to increase 3 plasmid yield	2 kg	On Request
210430	Tetrathionate Broth Base Selective enrichment of Salmonella	500 g	2578
230310	Thermoacidurans Agar Isolation and cultivation of B. thermoacidurans from foods	500 g	13750
232610	Thiamine Assay Medium Microbiological assay of thiamine	100 g*	8902
280810	Thiamine Assay Medium LV Microbiological assay of thiamine	100 g*	9051
211716	Thioglycollate Medium, Brewer Modified	500 g	8202
236310	Thioglycollate Medium without Dextrose Detection of a variety of microorganisms in normally sterile materials, especially those containing mercurial preservatives. Suitable for fermentation studies	500 g	20031
211727	Thioglycollate Medium, Fluid, without Dextrose or Eh Indicator Detection of a variety of microorganisms in normally sterile materials, especially those containing mercurial preservatives. Suitable for fermentation studies where no oxidationreduction indicator is required	500 g	13619
243210	Thioglycollate Medium without Dextrose or Indicator Detection of a variety of microorganisms in normally sterile materials, especially those containing mercurial preservatives. Suitable for fermentation studies where no oxidationreduction indicator is required	500 g	19773
243010	Thioglycollate Medium without Indicator Detection of a variety of microorganisms in normally sterile materials, especially those containing mercurial preservatives. Suitable for fermentation studies where no oxidationreduction indicator is required	500 g	8897
211720	Thioglycollate Medium without Indicator-135c Detection of a variety of microorganisms in normally sterile materials, especially those containing mercurial preservatives. Suitable for fermentation studies where no oxidationreduction indicator is required	500 g	5868
243420	Thiol Broth Cultivation of microorganisms from blood and other body fluids containing penicillin, streptomycin or sulfonamides	500 g	30135
278610	Tinsdale Agar Base Use with Tinsdale Enrichment, Desiccated, for differential isolation of C. diphtheriae	500 g	26164
234210	Tinsdale Enrichment Desiccated Enrichment used with Tinsdale Base for the differential isolation of C. diphtheriaer	6 x 15 ml*	16632
249240	Todd Hewitt Broth	500 g	6613
249210	Cultivation of group A streptococci, pathogenic microorganisms or as a blood culture medium	2 kg	On Request
249220		10kg	On Request

\*Store at 2-8°C

# BD BBL™ & Difco™

## Dehydrated Culture Media

Cat. No.	Description	Pack Size	List Price
211794	Tomato Juice Agar Cultivation of lactobacilli	500 g*	30473
238910	Tomato Juice Agar Special Detection of lactobacilli from saliva, enumeration of other acidophilic microorganisms	500 g*	56848
251720	Tomato Juice Broth	500 g*	46719
251710	Cultivation of yeasts and other aciduric microorganisms	10 kg*	On Request
212225	Transport Medium Amies Cary-Blair modification of Stuart Transport Medium	500 g	10696
211743	Transport Medium (Stuart, Toshach and Patsula) Transport of bacteria and fungi including fastidious organisms	500 g*	12954
287710	Trichophyton Agar 1 Contains dextrose	500 g	17175
287410	Trichophyton Agar 2 Contains inositol and dextrose	500 g	20884
296510	Trichophyton Agar 3 Contains inositol, thiamine and dextrose	500 g	20898
219710	Trichophyton Agar 4 Contains thiamine and dextrose	500 g	14532
252410	Trichophyton Agar 6 Contains ammonium nitrate and dextrose	500 g	20192
295510	Trichophyton Agar 7 Contains histidine	500 g	20153
211747	Trichosel™ Broth, Modified Isolation and cultivation of Trichomonas species	500 g	31919
226540	Triple Sugar Iron Agar Identification of gram-negative bacteria based on dextrose, lactose and sucrose fermentation as well as hydrogen sulfide production	500 g	5898
236940	Tryptic Soy Agar(Soybean-Casein Digest Agar)	100 g	2156
236950		500 g	4774
236920		2 kg	On Request
236930		10kg	On Request
211043		500 g	4119
211046		5 lb (2.3 kg)	On Request
211047		25 lb (11.3 kg)	On Request
227300	Tryptic Soy Blood Agar Base No. 2	500 g	8571
227200	Used with blood for improved beta-hemolytic reactions and for cultivation of fastidious microorganisms	10 kg	On Request
228300	Tryptic Soy Blood Agar Base EH	500 g	20489
228200	Used with blood for enhanced reactions of beta-hemolytic organisms after overnight incubation and for cultivation of fastidious microorganisms	10 kg	On Request
212305	Trypticase™ Soy Agar, Modified (TSAII) Supplemented with blood is used for cultivating fastidious microorganisms and for the hemolytic reactions produced by many bacterial species	500 g	4544

\*Store at 2-8°C

## Dehydrated Culture Media

Cat. No.	Description	Pack Size	List Price
211824	Tryptic Soy Broth	100 g	1758
211825		500 g	3645
211822		2 kg	On Request
211823		10 kg	On Request
211768		500 g	3657
296264	Sterile	500 g	7907
211771		51b (2.3 kg)	On Request
211772		251b (11.3 kg)	On Request
214886	Tryptic Soy Broth, Select APS, irradiated	10 kg	On Request
214887	Tryptic Soy Broth, Select APS	10 kg	On Request
215237	mTSB with Casamino Acids	500 g	4585
215235	Selective Enrichment of E.coli O157 : H7	10kg	On Request
286220	Tryptic Soy Broth without Dextrose	500 g	4251
286210	Cultivation of a variety of microorganisms	10 kg	On Request
223000	Tryptone Glucose Extract Agar Cultivation of bacteria in water, milk and other dairy products	500 g	6745
264410	Tryptone Water For detecting E. coli in food and water samples on the basis of indole production	500 g	28666
264300	Tryptose Agar	500 g	8583
264100	Cultivation of Brucella and a large variety of pathogenic organisms	2 kg	On Request
223220	Tryptose Blood Agar Base	500 g	6501
223210	Infusion free medium used with blood for isolation and cultivation of fastidious microorganisms as well as determination of hemolytic reactions	2 kg	On Request
262200	Tryptose Broth	500 g	4672
262100	Cultivation of Brucella and a variety of pathogenic microorganisms	10 kg	On Request
260300	Tryptose Phosphate Broth	500 g	4690
260100	For cultivation of fastidious microorganisms	2 kg	On Request
285610	UBA Medium Cultivation of microorganisms significant in the brewing industry	500 g	14298
222330	UVM Modified Listeria Enrichment	500 g	5314
222310	Selective enrichment for culturing L. monocytogenes	2 kg	On Request
222320		10 kg	On Request
223510	Universal Preenrichment Broth For simultaneous preenrichment of sub-lethally injured Listeria and Salmonella	500 g	5499
211795	Urea Agar Base Detection of urease producing bacteria	500 g*	7078
221100	Urea Agar Base Concentrate 10x	10 x 10 ml*	12832
227210	Urea Broth Detection of urease producing bacteria	500 g*	7211
221098	Urease Broth Concentrate 10x	10 x 10 ml*	20472
256220	VJ Agar Isolation of coagulase-positive mannitol-fermenting S. aureus from clinical or food specimens	500 g	6064



## Dehydrated Culture Media

Cat. No.	Description	Pack Size	List Price
234310	Veal Infusion Agar Cultivation of fastidious organisms	500 g	21859
234420	Veal Infusion Broth Cultivation of fastidious organisms	500 g	10115
234410		10 kg	On Request
211695	Violet Red Bile Agar Selective isolation of coliform bacteria from dairy products and food	500 g	4828
211687		2 kg	On Request
229100	Violet Red Bile Agar with MUG Selective isolation of coliform bacteria and fluorogenic detection of E. coli from food and dairy products	500 g	8339
218661	Violet Red Bile Glucose Agar A selective medium containing glucose for the detection and enumeration of Enterobacteriaceae from food and dairy products	500 g	4996
236010	Vitamin B12 Assay Medium Microbiological assay of Vitamin B12	100 g*	6147
212354	Vitamin K1-Hemin Solution	10 x 10 ml*	24418
242510	WL Differential Medium Inhibits growth of yeasts and molds, used in microbiological control processes of the fermentation industry	500 g	5279
247110	WL Nutrient Broth Cultivation of yeasts, molds and bacteria encountered in brewing and industrial fermentation processes	500 g	7910
242420	WL Nutrient Medium Cultivation of yeasts, molds and bacteria encountered in brewing and industrial fermentation processes	500 g	6416
218051	Wilkins-Chalgren Agar Susceptibility testing of anaerobic bacteria by the agar diffusion method	500 g	8936
211671	Wort Agar Cultivation and enumeration of yeasts	500 g	11829
211836	XL Agar Base Isolation, differentiation and enumeration of enteric bacteria	500 g	6535
278850	XLD Agar	500 g	4578
278820		2 kg	On Request
278830		10 kg	On Request
223420	XLT4 Agae Base XLT4 Agar Base used with XLT4 Supplement as a selective differential medium for isolation of Salmonella	500 g	5232
235310	XLT4 Agar Supplement Use with XLT4 Agar Basell	100 ml	5220
271210	YM Agar Cultivation of yeasts, molds and other aciduric microorganisms	500 g	6312
271120	YM Broth Cultivation of yeasts, molds and other aciduric microorganisms	500 g	4516
242720	YPD Agar	500 g	6037
242820	YPD Broth	500 g	4004

\*Store at 2–8°C

## Dehydrated Culture Media

Cat. No.	Description	Pack Size	List Price
244020	2 x YT Medium	500 g	4545
244010	Formulation designed for growth and propagation of E. coli infected with the single strand filamentous bacteriophage M13	2 kg	On Request
239110	Yeast Carbon Base Wickerham formula, classification of yeasts based on nitrogen assimilation	100 g	3035
219001	Yeast Extract Glucose Chloramphenicol Agar Selective agar, recommended by the International Dairy Federation for the enumeration of yeasts and molds	500 g	5526
239320	Yeast Morphology Agar Wickerham formula, classification of yeasts based on colonial characteristics and cell morphology	500 g	12378
239210	Yeast Nitrogen Base Wickerham formula, classification of yeasts based on carbon assimilation	100 g	1931
291940	Yeast Nitrogen Base without Amino Acids	100 g	1833
291920	Wickerham formula, classification of yeasts based on amino acid and carbohydrate requirements	2 kg	On Request
291930		10 kg	On Request
233520	Yeast Nitrogen Base without Amino Acids and Ammonium Sulfate	100 g	1726
233510	Wickerham formula, classification of yeasts based on nitrogen and carbon requirements	10 kg	On Request
231961	Yersinia Antimicrobial Supplement CN Selective enrichment for the isolation of Y. enterocolitica. Use with Yersinia Selective Agar Base	6 x 10 ml*	5392
218172	Yersinia Selective Agar Base Use w/Antimicrobial Supplement CN for selective isolation of Y. enterocolitica	500 g	7462

# BD Prepared Media



# BD BBL™ Isolator Pack XT

## The Superior Solution

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

- ❑ Shelf life about 6 months
- ❑ 2 - 25 °C storage temperature
- ❑ Sterility Assurance Level (SAL)  $10^{-5}$
- ❑ All 3 bag layers VHP resistant
- ❑ Transparent packaging
- ❑ Hanging holes included in all bags
- ❑ No drying sachets
- ❑ Easy opening

How do we make your handling as easy as possible?

- Our unique see through film combines easy opening with a clear plastic film so that you can see and check products prior to use.
- Irradiation indicators allow easy identification of properly irradiated plates.

How do we help you to meet regulatory requirements?

- Full validation packages for SAL, VHP resistance, shelf life, gamma-Irradiation and  $H_2O_2$  neutralization available on request.
- Extensive Certificate of Analysis available on-line.
- [www.bd.com/europe/regulatory](http://www.bd.com/europe/regulatory)
- Audits are welcome.

How do we facilitate your stock management?

- Our single product format (triple wrapped) designed for use in cleanrooms and isolators allows you to minimize numbers and quantities of products stocked.
- Validated flexible storage recommendations allow you to store between 2-25 °C and to minimize the risk of wastage due to incorrect storage, either during transportation to or in your facility.

**BD BBL™ Isolator Pack XT**

Cat. No.	Description	Pack Size	List Price
<b>Stacker™ 90 mm Petri Dish</b>			
257466	Sanitizer Neutralizing Agar, heavy fill	10	On Request
257468	Sanitizer Neutralizing Agar, heavy fill	100	On Request
257471	Trypticase™ Soy Agar	10	On Request
257473	Trypticase™ Soy Agar	100	On Request
257475	Trypticase™ Soy Agar, heavy fill	10	On Request
257474	Trypticase™ Soy Agar, heavy fill	100	On Request
257472	Trypticase™ Soy Agar with Lecithin and Polysorbate 80	10	On Request
257470	Trypticase™ Soy Agar with Lecithin and Polysorbate 80	100	On Request
257477	Trypticase™ Soy Agar with Lecithin and Polysorbate 80, heavy fill	10	On Request
257478	Trypticase™ Soy Agar with Lecithin and Polysorbate 80, heavy fill	100	On Request
257525	D/E Neutralizing Agar	100	On Request
257518	Sabouraud Dextrose Agar with Lecithin and Polysorbate 80	10	On Request
<b>Stacker™ 150 mm Petri Dish</b>			
257373	Trypticase™ Soy Agar	5	On Request
257377	Trypticase™ Soy Agar	30	On Request
<b>RODACTM /RODACTM SL (secure lid)</b>			
257469	Sanitizer Neutralizing Agar, RODAC	10	On Request
257467	Sanitizer Neutralizing Agar, RODAC	100	On Request
257427	Trypticase™ Soy Agar, RODAC SL	100	On Request
257380	Trypticase™ Soy Agar with Lecithin and Polysorbate 80, RODAC	10	On Request
257381	Trypticase™ Soy Agar with Lecithin and Polysorbate 80, RODAC	100	On Request
257378	Trypticase™ Soy Agar with Lecithin and Polysorbate 80, RODAC SL	10	On Request
257382	Trypticase™ Soy Agar with Lecithin and Polysorbate 80, RODAC SL	100	On Request
257526	D/E Neutralizing Agar, RODAC	100	On Request
257519	Sabouraud Dextrose Agar with Lecithin and Polysorbate 80, RODAC SL	100	On Request

# BD BBL™ & Difco™

## BD Prepared Media

Cat. No.	Description	Pack Size	List Price
221836	Bacteroides Bile Esculin Agar (BBE)	10	1126
297878	BCYE Selective Agar with CCVC	10	2244
297875	Bird Seed Agar (for Cryptococcus)	10	1496
221843	Brain Heart Infusion Agar with 10% Sheep Blood (Deep Fill)	20	3391
221733	CDC Anaerobe 5% Sheep Blood Agar	20	1265
297882	Cetrimide Agar (Pseudosel™)	10	1284
221169	Chocolate II Agar (GC II Agar with Hemoglobin and IsoVitaleXTM)	20	1213
254093	CHROMagar™ Candida	20	2462
214984	CHROMagar™ O157	20	3788
254102	CHROMagar™ Orientation	20	2420
214983	CHROMagar™ Salmonella	20	5586
221165	Columbia Agar with 5% Sheep Blood	20	1733
221352	Columbia CNA Agar with 5% Sheep Blood	20	1071
221856	DNase Test Agar with Toluidine Blue	10	1854
221173	Mannitol Salt Agar	20	1197
221176	Mueller Hinton Agar with 5% Sheep Blood	20	1507
221952	Oxacillin Screen Agar (Mueller Hinton Agar w/6 g/mL Oxacillin & 4% NaCl)	10	1233
299970	OFBBL Agar	20	5600
221179	Phenylethyl Alcohol Agar with 5% Sheep Blood	20	1050
297945		100	13817
297882	Pseudosel™ Agar (Cetrimide Agar)	10	1284
221539	Schaedler Agar with Vitamin K1 and 5% Sheep Blood	20	2294
221555	Schaedler K-V Agar with 5% Sheep Blood	20	2373
221934	Selective Streptococcus Agar	20	2401
221870	Seven H11 Agar (Deep Fill)	10	1649
221239	Trypticase™ Soy Agar with 5% Sheep Blood (TSA II)	20	1161
222204	Vancomycin Screen Agar	10	1184
221192	XLD Agar	20	1845
221284		100	6368
292651	Trypticase™ Soy Agar (100 mm)	10	3244
292652		100	13438
299896	Trypticase™ Soy Agar w/L&P 80 (RODACTM)	10	2121
257380	Trypticase™ Soy Agar with Lecithin and Polysorbate 80	10	2685
257471	Trypticase™ Soy Agar (100 mm)	10	2352
221944	D/E Neutralizing Agar	10	2175
221988	Sabouraud Dextrose Agar	10	2950
221989	Sabouraud Dextrose Agar with Lecithin and Polysorbate 80	10	2712
221961	Trypticase™ Soy Agar with Lecithin and Polysorbate 80	10	1947

## BD Prepared Media

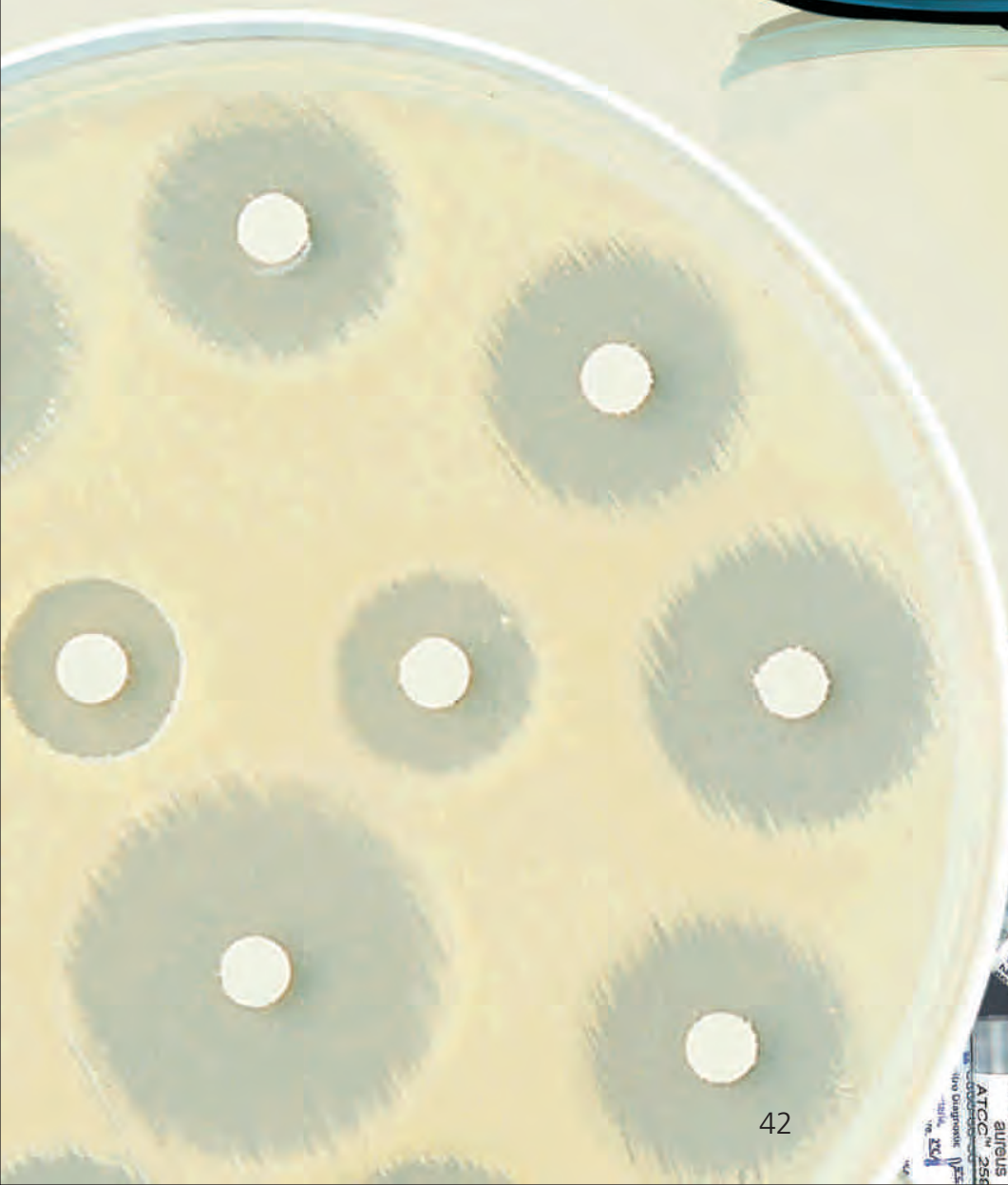
Cat. No.	Description	Pack Size	List Price
222208		100	18771
221987	Trypticase™ Soy Agar with Lecithin, Polysorbate 80 and	10	2136
210340	RODACTM Empty 65 x 15 mm style	500	20094
221232	D/E Neutralizing Agar	10	1923
222209		100	17715
221235	Sabouraud Dextrose Agar	10	1680
221233	Sabouraud Dextrose Agar with Lecithin and Polysorbate 80	10	1765
221238	Trypticase™ Soy Agar with Lecithin and Polysorbate 80	10	1702
222207		100	17045
222248	Trypticase™ Soy Agar with Lecithin and Polysorbate 80 (SL)	10	1975
221234	Trypticase™ Soy Agar with Lecithin, Polysorbate 80	10	1907
222246	Trypticase™ Soy Agar with Lecithin, Polysorbate 80	10	2031
292341		100	20196
221236	Trypticase™ Soy Agar	10	1698
222205		100	17226
292257	Trypticase™ Soy Agar, Heavy Fill (25 ml)	10	2092
221839	Trypticase™ Soy Agar with Penicillinase	10	1806
292226	Rose Bengal with Penicillinase	10	2290
221237	Trypticase™ Soy Agar (150 mm)	5	3556
221939	Standard Methods Agar w/Lecithin and Polysorbate 80	20	3926
221288	Trypticase™ Soy Agar with Lecithin and Polysorbate	20	2368
221287	80 (RODACTM)	100	11919
221945	Trypticase™ Soy Agar with Lecithin and Polysorbate 80	20	4947
220518	Sterile Swab	200	68390
257217	Fluid Thioglycollate Medium, Double Wrap, 100 mL	10	15916
257213	Tryptic Soy Broth, Double Wrap, 100 mL	10	15907
290004	Hycheck™ Plate Count Agar with TTC	10	3448
290005	Hycheck™ for Total Count	10	3200
290006	Hycheck™ for Yeasts and Molds	10	3448
299416	BBL™ Trypticase Soy Broth	10*100ml	8431
257086	Buffered Sodium Chloride-Peptone Solution pH 7.0	25*100ml	12163
257087	Buffered Sodium Chloride-Peptone Solution pH 7.0	10*500ml	11026
290652	Difco™ Fluid A	10*300ml	16739
290662	Difco™ Fluid D	10*300ml	17138
257217	Fluid Thioglycollate Medium (Special), double wrap	10*100ml	15916
257107	Tryptic Soy Broth	50*20ml	28064
257213	Tryptic Soy Broth, double wrap	10*100ml	15907





# BD Identification & Susceptibility





# BD BBL™ & Difco™

## ID

Cat. No.	Description	Pack Size	List Price
<b>BD Phoenix™ Automated Microbiology System</b>			
448100	Phoenix™ 100 Instrument	1	On Request
246001	Phoenix™ ID Broth	100	On Request
440910	PhoenixSpec™ Nephelometer	1	On Request
440911	Kit PhoenixSpec™ Calibrator	1	On Request
448007	Phoenix™ NID Panel	25	On Request
448008	Phoenix™ PID Panel	25	On Request
245300	BBL™ Crystal™ AutoReader	1	On Request
245302	BBL™ Crystal™ Reference Panel For quality control of the BBL™ Crystal™ AutoReader	1	39013
245000	BBL™ Crystal™ Enteric/Nonfermenter ID Kit Intended for the identification of clinically significant aerobic gram-negative bacteria that belong to the family Enterobacteriaceae as well as some of the more frequently isolated glucose nonfermenting gram-negative bacilli of human origin	20	19776
245010	BBL™ Crystal™ Anaerobe ID Kit Identifies clinically significant anaerobes in 4 hours. Separate databases for Schaedler Blood Agar, CDC Anaerobe Blood Agar and Alternate Blood Agars are included for improved	20	24209
245130	BBL™ Crystal™ Neisseria/Haemophilus ID Kit Identifies clinically significant Neisseria, Haemophilus and other fastidious organisms in 4 hours. The kit identifies 35 organisms from multiple media	20	24632
245140	BBL™ Crystal™ Gram-Positive ID Kit Identifies clinically significant gram-positive organisms in 18 hours. The kit identifies 121 gram-positive organisms from multiple media	20	23044
245029	BBL™ Crystal™ Enteric ID Inoculum Fluid	10	1786
245038	BBL™ Crystal™ Inoculum Broth For use with Crystal™ ANR, GP, RGP and N/H ID Kits	10	1953
245032	BBL™ Crystal™ Panel Viewer For reading BBL™ Crystal™ Panels, manually	1	On Request
<b>BBL™ Taxo™ Discs</b>			
231041	Taxo™ A Discs Cartridges	6	7072
231040	For differentiating Group A Streptococci Vials	1	1369
231552	Taxo™ A Discs	10	3564
231042	For differentiating Group A Streptococci	1	1133
231725	Taxo™ ALA For delta-aminolevulinic acid Porphyrin test for Haemophilus differentiation	1	2086
231733	Taxo™ Bile Esculin For detection of esculin hydrolysis in the presence of bile	1	847
231723	Taxo™ Hippurate (1/4") For presumptive identification of Group B Streptococci	1	1585
231736	Taxo™ INH Test Control For isonicotinic acid metabolite in urine	1	1182
231562	Taxo™ Kanamycin Discs, 10 mg For differentiating gram-negative anaerobic bacilli	1	1122

# BD BBL™ & Difco™

## ID

Cat. No.	Description	Pack Size	List Price
231045	Taxo™ N Discs	6	7912
231044	For the oxidase test	1	788
231734	Taxo™ Nitrate For detection of nitrate reductase by anaerobes	1	1185
231742	Taxo™ Nitrite Test Strips For differentiation of microorganisms, particularly mycobacteria, based on ability to reduce nitrates to nitrites	1	3397
231750	Taxo™ Novobiocin, 5 mcg For determination of novobiocin resistance in coagulase negative staphylococci	1	1166
231550	Taxo™ Nystatin (Mycostatin™) Discs For inhibiting yeasts	1	1244
231249	Taxo™ ONPG Discs	6	2234
231248	For detecting lactose fermenters	1	1630
231047	Taxo™ P Discs	6	7218
231046	For differentiating Pneumococci	1	1575
231554	Taxo™ P Discs	10	4479
231048	For differentiating Pneumococci	1	1074
231726	Taxo™ SPS For presumptive ID of G. vaginalis and P. anaerobius	1	1852
231735	Taxo™ TB Niacin Test Control	1	1103
231741	Taxo™ TB Niacin Test Strips	1	6461
231738	Taxo™ Urea	10	2919
231728	Taxo™ V Factor (1/4")	10	3411
231727	For differentiating Haemophilus species	1	1140
231109	Taxo™ V Factor Strips	6	19718
231108	For differentiating Haemophilus species	1	3731
231730	Taxo™ X Factor (1/4")	10	3997
231729	For differentiating Haemophilus species	1	1208
231107	Taxo™ X Factor Strips	6	22278
231106	For differentiating Haemophilus species	1	4471
231732	Taxo™ X and V Factor (1/4")	10	3582
231731	For differentiating Haemophilus species	1	1164
231105	Taxo™ X and V Factor Strips	6	22013
231104	For differentiating Haemophilus species	1	4078

### **Taxo™ Anaerobe Differentiation Discs Set for the Differentiation of Gram-Negative Bacilli.**

231651	Taxo™ Anaerobe Disc Set Includes 1 cart. each of: Kanamycin 1 mg K, Rifampin 15 µg RA, Penicillin 2 units P-2, Vancomycin 5 µg Va-5, Colistin 10 µg CL-10	5	4685
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# BD BBL™ & Difco™

## ID

Cat. No.	Description	Pack Size	List Price
<b>Taxo™ Antibiotic Detection Discs</b>			
231122	Blank Discs, 1/2" diam. (APHA, Standard Methods for the Examination of Dairy Products)	6	18051
231039	Blank Discs, 1/4" diam. S&S-470	6	3900
<b>BBL™ Paper Discs for the Detection of Beta-Lactamase Enzymes</b>			
231650	BBL™ Cefinase™ Paper Disc 1/4", impregnated with Nitrocefin	1	2753
<b>BBL™ DrySlide™ Products</b>			
231748	BBL™ DrySlide™ Indole	75	34433
231749	BBL™ DrySlide™ Nitrocefin	25	34570
231746	BBL™ DrySlide™ Oxidase	75	25328
<b>Directigen™ EZ RSV Test Kit</b>			
256030	Directigen™ EZ RSV Test Kit (30 tests ) containing: one 4.5 mL bottle Extraction Reagent E one 2.0 mL bottle Positive Control one 2.0 mL bottle Negative Control 30 Directigen™ EZ RSV Devices 30 DispensTube™ Tubes 30 DispensTube™ Tips	1	23960
256050	Directigen™ EZ Flu A+B Test Kit (30 tests) containing: 30 Directigen™ EZ Flu A+B one 4.5 mL bottle Reagent E, one 2.8 mL bottle A+/B- Control, one 2.8 mL bottle A-/B+ Control, 30 Directigen™ EZ Flu A+B Devices,	1	27162
263000	Sterile Dacron™ Polyester-Tipped Swabs (100 swabs per carton)	100	1883
252360	Directigen™ Meningitis Combo Test Kit (90 determinations) containing: one 9 mL bottle Positive Control one 9 mL bottle Negative Control one 1 mL bottle H. influenzae type b antibody, Reagent 1 one 1 mL bottle S. pneumoniae antibody, Reagent 2 one 1 mL bottle Group B Streptococcus antibody, Reagent 3 one 1 mL bottle N. meningitidis Groups C and W135 antibody, Reagent 4 one 1 mL bottle N. meningitidis Groups A and Y antibody, Reagent 5 one 1 mL bottle N. meningitidis Group B/E. coli K1 antibody, Reagent 6 one 8 mL bottle Specimen B one 0.5 mL bottle control latex Reagent A (rabbit) one 0.5 mL bottle control latex Reagent B (mouse) 30 single use test cards plastic stirrers, workstation and procedure chart	1	83760

# BD BBL™ & Difco™

## Sensi-Disc™

Cat. No.	Description	Pack Size	List Price
<b>BBL™ Sensi-Disc™ Dispensers</b>			
260640	Sensi-Disc™ Designer Dispenser System Self-Tamping 12-Place dispenser complete with storage container and reusable indicator desiccant canister	1	98051
260667	Sensi-Disc™ Seal for 12-Place Dispenser Canister	1	2740
260668	Sensi-Disc™ Latch Assembly for 12-Place Dispenser Canister	1	1824
260669	Sensi-Disc™ 12-Place Dispenser Canister	1	28350
260639	Sensi-Disc™ Zone Interpretation Set	1	36418
260660	Sensi-Disc™ Dispenser Self-Tamping, 8 Place complete with storage canister and reusable indicator desiccant container	1	58164
260661	Sensi-Disc™ Dispenser Self-Tamping, 6 Place complete with storage canister and reusable indicator desiccant container	1	54402
260457	Single Disc Dispenser	1	3504
260459	Single Disc Dispenser	6	30813
271042	Reusable 40 g indicator desiccant container For 260640, 260660 & 260661 Self-Tamping Dispensers	3	10276
<b>BBL™ Sensi-Disc™ Susceptibility Test Discs</b>			
231639	Amdinocillin 10 mcg	10	4141
231597	Amikacin 30 mcg	10	3125
231596		1	707
231629	Amoxicillin with Clavulanic Acid 20/10 mcg	10	4535
231628		1	962
231263	Ampicillin 2 mcg	10	5845
231264	Ampicillin 10 mcg	10	4547
230705		1	959
231660	Ampicillin with Sulbactam 10/10 mcg	10	4365
231659		1	888
231682	Azithromycin 15 mcg	10	3914
231681		1	629
231625	Azlocillin 75 mcg	10	4938
231641	Aztreonam 30 mcg	10	4317
231640		1	913
231267	Bacitracin 2 units	10	3586
231268	Bacitracin 10 units	10	4722
230721		1	1083
231555	Carbenicillin 100 mcg	10	4401
231235		1	228
231653	Cefaclor 30 mcg	10	4049

# BD BBL™ & Difco™

## Sensi-Disc™

Cat. No.	Description	Pack Size	List Price
231652		1	752
231595	Cefamandole 30 mcg	10	4178
231594		1	597
231593	Cefazolin 30 mcg	10	4211
231592		1	1001
231714	Cefdinir 5 mcg	10	1616
231713		1	1083
231696	Cefepime 30 mcg	10	4488
231695		1	982
231664	Cefixime 5 mcg	10	4101
231663		1	577
231666	Cefmetazole 30 mcg	10	3820
231643	Cefonicid 30 mcg	10	5954
231613	Cefoperazone 75 mcg	10	3233
231612		1	587
291319	Cefoperazone/Sulbactam	10	2809
231607	Cefotaxime 30 mcg	10	3167
231606		1	705
231752	Cefotaxime/Clavulanic Acid 30/10 mcg	10	5879
231751		1	1160
231656	Cefotetan 30 mcg	10	5605
231655		1	746
231591	Cefoxitin 30 mcg	10	3830
231590		1	960
231674	Cefpodoxime 10 mcg	10	4162
231673		1	1108
231684	Cefprozil 30 mcg	10	5457
231633	Ceftazidime 30 mcg	10	3823
231632		1	863
231754	Ceftazidime/Clavulanic Acid 30/10 mcg	10	5884
231753		1	1152
231702	Ceftibuten 30 mcg	10	3273
231623	Ceftizoxime 30 mcg	10	5706
231635	Ceftriaxone 30 mcg	10	4071
231634		1	886
231621	Cefuroxime 30 mcg	10	4402
231620		1	905
231271	Cephalothin 30 mcg	10	4079
230725		1	950

# BD BBL™ & Difco™

## Sensi-Disc™

Cat. No.	Description	Pack Size	List Price
230729	Chloramphenico 15 mcg	1	848
231274	Chloramphenico 130 mcg	10	3878
230733		1	901
231599	Cinoxacin 100 mcg	10	7187
231598		1	758
231658	Ciprofloxacin 5 mcg	10	4524
231657		1	945
231678	Clarithromycin 15 mcg	10	4076
231677		1	639
231275	Clindamycin 2 mcg	10	4337
231213		1	1013
231276	Cloxacillin 1mcg	10	5169
231278	Colistin 10 mcg	10	4654
230749		1	975
232219	Doripenem 10 mcg	10	12441
231286	Doxycycline 30 mcg	10	4466
230777		1	1069
231662	Enoxacin 10 mcg	10	3727
232175	Ertapenem 10 mcg	10	5174
232174		1	1085
231289	Erythromycin 2 mcg	10	5162
231290	Erythromycin 15 mcg	10	3726
230793		1	836
230809	Furazolidone 100 mcg	1	1069
231760	Gatifloxacin 5 mcg	10	5279
231759		1	456
231299	Gentamicin 10 mcg	10	3804
231227		1	888
231693	Gentamicin 120 mcg	1	1005
231645	Imipenem 10 mcg	10	3705
231644		1	853
231301	Kanamycin 30 mcg	10	4331
230829		1	558
231706	Levofloxacin 5 mcg	10	3783
231705		1	939
231302	Lincomycin 2 mcg	10	5042
231762	Linezolid 30 mcg	10	4739
231761		1	1069
231686	Lomefloxacin 10 mcg	10	3782



Sensi-Disc™

Cat. No.	Description	Pack Size	List Price
231704	Meropenem 10 mcg	10	6638
231703		1	1610
231615	Mezlocillin 75 mcg	10	4320
231614		1	535
231251	Minocycline 30 mcg	10	5013
231250		1	1054
231611	Moxalactam 30 mcg	10	7523
231758	Moxifloxacin 5 mcg	10	5009
231309	Nafcillin 1 mcg	10	4663
231311	Nalidixic Acid 30 mcg	10	4607
230874		1	984
231312	Neomycin 5 mcg	10	3599
231313	Neomycin 30 mcg	10	4567
230882		1	619
231603	Netilmicin 30 mcg	10	3602
231292	Nitrofurantoin 100 mcg	10	4808
231293	Nitrofurantoin 300 mcg	10	3981
231149		1	888
231647	Norfloxacin 10 mcg	10	4175
231646		1	219
231314	Novobiocin 5 mcg	10	4616
230886		1	961
231315	Novobiocin 30 mcg	10	4810
230890		1	214
231672	Ofloxacin 5 mcg	10	3962
231671		1	206
231319	Oxacillin 1 mcg	10	4431
230906		1	910
231566	Oxolinic Acid 2 mcg	1	829
231342	Oxytetracycline 30 mcg	10	4914
231320	Penicillin 2 units	10	5696
230914		1	873
231321	Penicillin 10 units	10	4639
230918		1	974
231609	Piperacillin 100 mcg	10	3239
231608		1	719
231692	Piperacillin/Tazobactam 100/10 mcg	10	6096
231691		1	1123
231324	Polymyxin B 300 units	10	4674

# BD BBL™ & Difco™

## Sensi-Disc™

Cat. No.	Description	Pack Size	List Price
230926		1	1070
231544	Rifampin 5 mcg	10	4027
231541		1	918
231708	Sparfloxacin 5 mcg	10	2133
231707		1	806
231637	Spectinomycin 100 mcg	10	4764
231636		1	567
231328	Streptomycin 10 mcg	10	4474
230942		1	1080
231694	Streptomycin 300 mcg	1	1066
231325	Sulfachloropyridazine 0.25 mg	10	2172
231326	Sulfachloropyridazine 1.0 mg	10	4018
231331	Sulfadiazine 0.25 mg	10	3660
231345	Sulfamethizole 0.25 mg	10	4362
231539	Sulfamethoxazole with Trimethoprim 23.75/1.25mcg	10	3844
231536		1	935
231337	Sulfathiazole 0.25 mg	10	3604
231296	Sulfisoxazole 0.25 mg	10	3852
230813		1	483
231297	Sulfisoxazole 10 mg	10	4803
291311	Teicoplanin	10	5412
231343	Tetracycline 5 mcg	10	5212
231344	Tetracycline 30 mcg	10	4100
230998		1	922
231619	Ticarillin 75 mcg	10	3250
231618		1	538
232208	Tigecycline 15 µg	10	7856
232087		1	1602
231649	Ticarillin with Clavulanic Acid 75/10 mcg	10	3281
231648		1	689
231569	Tobramycin 10 mcg	10	3080
231568		1	697
231601	Trimethoprim 5 mcg	10	4515
231600		1	343
231349	Triple Sulfa 0.25 mg	10	5172
231350	Triple Sulfa 1.0 mg	10	9358
231352	Vancomycin 5 mcg	10	3283
231030		1	713
231353	Vancomycin 30 mcg	10	3124

# BD BBL™ & Difco™

## Sensi-Disc™

Cat. No.	Description	Pack Size	List Price
231034		1	711
291255	Ceftiofur 30 mcg	1	On Request
231717	Enrofloxacin 5 mcg	1	On Request
294867	Sulfadimethoxine with Ormetoprim 24/1 mcg	1	On Request
291387	Tilmicosin 15 mcg	1	On Request
231605	Metronidazole 80mcg	10	3988
231575	Ethambutol (Myambutol™) 25 mcg	1	956
231576	Ethambutol (Myambutol™) 50 mcg	1	975
231577	Ethionamide (Trecator™) 25 mcg	1	995
231571	Isoniazid (Isonicotinyl Hydrazine) 1 mcg	1	958
231572	Isoniazid (Isonicotinyl Hydrazine) 5 mcg	1	959
231573	P-Aminosalicylic Acid 10 mcg	1	596
231574	P-Aminosalicylic Acid 50 mcg	1	935
231578	Rifampins 25 mcg	1	1292
231570	Streptomycins 50 mcg	1	1168



# Stains & Reagents





## Stains and Reagents

Cat. No.	Description	Pack Size	List Price
<b>Difco™/BBL™ Stains, Droppers and Indicators</b>			
<b>Stain Kits</b>			
212536	Acridine Orange Stain, 250 mL bottle	1	2414
212537	S	4	6199
212539	Gram Stain Kit One 250 mL bottle each of Gram Crystal Violet, Gram Iodine (Stabilized), Gram Decolorizer, Gram Safranin	1	3861
212525	Gram Crystal Violet, 250 mL	4	2658
212542	Gram Iodine (Stabilized), 250 mL	4	3792
212529	Gram Iodine (Unstabilized), 250 mL	4	5507
212527	Gram Decolorizer, 250 mL	4	3160
212531	Gram Safranin, 250 mL	4	2999
212544	Gram Basic Fuchsin, 250 mL	4	7273
<b>Bulk Stains</b>			
212543	Gram Iodine (Stabilized), 1 x 3.8 L	1	10262
212528	Gram Decolorizer, 1 x 3.8 L	1	9284
212532	Gram Safranin, 1 x 3.8 L	1	6353
<b>Acid Fast Stains</b>			
212519	TB Fluorescent Stain Kit M One 250 mL bottle each of TB Auramine M, TB Decolorizer™, TB Potassium Permanganate .. ST	1	3821
212521	TB Fluorescent Stain Kit T One 250 mL bottle each of TB Auramine-Rhodamine T, TB Decolorizer™, TB Potassium Permanganate	1	3802
212315	TB Quick Stain Kit One 250 mL bottle each of TB Quick Stain Carbofuchsin and TB Quick Stain Methylene Blue .. BP	1	3491
212522	TB Stain Kit K One 250 mL bottle each of TB Carbofuchsin KF, TB Decolorizer, TB Brilliant Green K	1	3844
212520	TB Stain Kit ZN One 250 mL bottle each of TB Carbofuchsin ZN, TB Decolorizer, TB Methylene Blue	1	3455
212514	TB Auramine M, 250 mL	4	4074
212515	TB Auramine-Rhodamine T, 250 mL	4	5176
212523	TB Brilliant Green K, 250 mL	4	3688
212518	TB Carbofuchsin KF, 250 mL	4	6140
212511	TB Carbofuchsin ZN, 250 mL	4	3919
212517	TB Decolorizer, 250 mL	4	4701
212512	TB Decolorizer™, 250 mL	4	4465
212516	TB Methylene Blue, 250 mL	4	3508

## Stains and Reagents

Cat. No.	Description	Pack Size	List Price
212513	TB Potassium Permanganate, 250 mL	4	5265
212316	TB Quick Stain Carbol-fuchsin, 250 mL	3	5899
212317	TB Quick Stain Methylene Blue, 250 mL	3	3958
<b>BBL™ Quality Control Slides</b>			
231391	BBL™ AFB Slide	50	17818
231401	BBL™ Gram Slide	50	14805
<b>Stain Rack</b>			
260650	Tilt Slide Staining Rack	1	18874
423832	ADAMS™ Staining Tray and Rack Includes 4-bar rack, leveling screws, and grill for holding small cover glass. Holds 22 slides, 3"x1"	1	26911
<b>Difco™ Dyes and Indicators</b>			
211731	Brom Thymol Blue, 5 g	1	1431
220310	Phenol Red, 5 g For use in preparing microbiological culture media.	1	1521
264310	TTC, 25 g Triphenyl tetrazolium chloride	1	9364
<b>Bile Solubility Test</b>			
211967	Desoxycholate Reagent, 25 mL ("Bile" solubility test reagent for pneumococcus solubility test)	1	1095
<b>Coagulase Testing</b>			
240658	Coagulase Plasma Rabbit, with citrate, lyophilized; reconstitutes to 3.0 mL for Direct Tube Method	10	4516
240661	Coagulase Plasma Rabbit, with citrate, lyophilized; reconstitutes to 15 mL for Direct Tube Method Rabbit, with citrate, lyophilized; reconstitutes to 25 mL for Direct Tube Method	10	6916
240827	Coagulase Plasma Rabbit, with EDTA, lyophilized; reconstitutes to 3.0 mL for Direct Tube Method	10	3966
240826	Coagulase Plasma Rabbit, with EDTA lyophilized; reconstitutes to 15 mL for Direct Tube Method	10	6264
240680	Coagulase Plasma Rabbit, with EDTA, Lyophilized, reconstitue with 25 mL for direct tube method	10	6892
261191	10% Potassium Hydroxide Used in the examination of direct smears for fungal elements	50	1722
261203	Catalase Reagent Dropper	50	5322
261183	Desoxycholate Used for presumptive differentiation of pneumococci based on bile solubility	50	2565
261187	DMACA Indole Used for the rapid identification of bacteria containing tryptophanase enzyme systems	50	2145
261190	Ferric Chloride	50	1847



## Stains and Reagents

Cat. No.	Description	Pack Size	List Price
	Used in the differentiation of organisms capable of phenylalanine deamination		
261206	Flagella Reagent Dropper	50	5022
261185	Indole Used in the identification of bacteria containing tryptophanase enzyme systems	50	1810
261201	Ninhydrin Used in the identification of bacteria which hydrolyze hippurate	50	1801
261197	Nitrate A	50	2102
261198	Nitrate B Used to determine the ability of bacteria to reduce nitrate to nitrite	50	2013
261207	Nitrate C Reagent Dropper	50	6361
261181	Oxidase Used in the identification of organisms which produce oxidase enzyme	50	1564
261196	PYR Used in the rapid identification of Group A streptococci and enterococci	50	2847
261192	Voges-Proskauer A	50	2815
261193	Voges-Proskauer B Used in the identification of organisms which produce acetylmethylcarbinol from glucose fermentation	50	2519
261182	Acridine Orange Used in fluorescence microscopy. Premixed and ready to use	50	2578
261195	Calcofluor White For rapid microscopic fluorescent detection of fungi in direct smears	50	2121
261189	Dobell and O'Connor's Iodine Used in the staining of cysts and eggs of parasites found in human feces	50	2024
261194	India Ink For staining Cryptococcus neoformans in CSF	50	2034
261188	Lactophenol Cotton Blue Used in wet mounts for examination of fungi	50	2694

### Adjuvants

263810	Adjuvant, Complete (Freund) Suspension of 5 mg M. butyricum in a mixture of paraffin oil and an emulsifying agent, 10 mL . S	6	12083
231131	Adjuvant, Complete H37 Ra Suspension of 10 mg M. tuberculosis in a mixture of paraffin oil and an emulsifying agent, 10 mL. S	6	17394
263910	Adjuvant, Incomplete (Freund), 10 mL	6	10832
264010	M. Butyricum, Desiccated, 100 mg Killed M. butyricum for use in adjuvants	6	35312
231141	M. Tuberculosis H37 Ra, Desiccated, 100 mg Killed M. tuberculosis H37 Ra for use in adjuvants	6	45604
212111	Mucin Bacteriological, 100mg Derived from hog gastric mucosa. Used to increase bacterial virulence upon injection	1	12870

## Antigens and Antisera

Cat. No.	Description	Pack Size	List Price
<b>Antigens</b>			
240785	Salmonella Flagellar d Antigen, 5 mL	1	7197
240734	Salmonella O Group D Antigen, 5 mL	1	6060
240782	Proteus OX 19 Antigen, 5 mL	1	6052
240783	Proteus OX 2 Antigen, 5 mL	1	13270
240784	Proteus OX K Antigen, 5 mL	1	12967
241049	Brucella abortus Antigen, 5 mL	1	10794
225851	Bordetella Pertussis Antigen, 5 mL Positive Control for Bordetella pertussis antiserum	1	13815
223031	Listeria O Antigen Type 1 (Slide), 5 mL Quality control of rapid slide test using Listeria O Antiserum Type 1 (223001)	1	56186
223041	Listeria O Antigen Type 4 (Slide), 5 mL Quality control of rapid slide test using Listeria O Antiserum Type 4 (223011)	1	64356
221161	QC Antigen Alkalescens-Dispar Group 1, 1 mL Used in the quality control of Alkalescens-Dispar Antiserum Poly (228381)	1	14455
221301	QC Antigen Salmonella O Group A, 1 mL Used in the quality control of Salmonella O Antisera Poly A (225341), Factor 2 (228141), Group A Factors 1,2,12 (240983), and Poly A-I&Vi (240993)	1	8423
221311	QC Antigen Salmonella O Group B, 1 mL Used in the quality control of Salmonella O Antisera Poly A (225341), Factor 4 (226591), Factor 5 (226601), Group B Factors 1,4,5,12,27 (240984), and Poly A-I&Vi (240993)	1	8691
221321	QC Antigen Salmonella O Group C1, 1 mL Used in the quality control of Salmonella O Antisera Poly B (225351), Factor 7 (228161), Group C1 Factors 6 (240985), and Poly A-I&Vi (240993)	1	8426
221331	QC Antigen Salmonella O Group C2, 1 mL Used in the quality control of Salmonella O Antisera Poly B (225351), Factor 8 (228171), Group C2 Factors 6,8 (240986), and Poly A-I&Vi (240993)	1	12556
221341	QC Antigen Salmonella O Group D, 1 mL Used in the quality control of Salmonella O Antisera Poly A (225341), Factor 9 (228181), Group D Factors 1,9,12,46 (240987), and Poly A-I&Vi (240993)	1	8520
211750	QC Antigen Salmonella O Group E1, 1 mL Used in the quality control of Salmonella O Antisera Poly A (225341), Factor 10 (222571), Group E Factors 1,3,10,15,19,34 (240988), and Poly A-I & Vi (240993) .. S	1	9455
211751	QC Antigen Salmonella O Group E2, 1 mL Used in the quality control of Salmonella O Antisera Poly A (225341), Factor 15 (222581), Group E Factors 1,3,10,15,19,34 (240988), and Poly A-I & Vi (240993) .. S	1	21197
221371	QC Antigen Salmonella O Group E4, 1 mL Used in the quality control of Salmonella O Antisera Poly A (225341), Factor 19 (222591), Group E Factors 1,3,10,15,19,34 (240988), and Poly A-I & Vi (240993) .. S	1	17333
211753	QC Antigen Salmonella O Group F, 1 mL Used in the quality control of Salmonella O Antisera Poly B (225351), Group F Factor 11 (240989), and Poly A-I & Vi (240993)	1	15388

## Antigens and Antisera

Cat. No.	Description	Pack Size	List Price
211754	QC Antigen Salmonella O Group G1, 1 mL Used in the quality control of Salmonella O Antisera Poly B (225351), Factor 22 (226631), Group G Factors 13,22,23 (240990), and Poly A-I & Vi (240993)	1	18041
221401	QC Antigen Salmonella O Group H, 1 mL Used in the quality control of Salmonella O Antisera Poly B (225351), Group H Factors 1,6,14,24,25 (240991), and Poly A-I & Vi (240993)	1	19496
211757	QC Antigen Salmonella O Group I, 1 mL Used in the quality control of Salmonella O Antisera Poly C (225361), Group I Factor 16 (240992), and Poly A-I & Vi (240993)	1	19569
221421	QC Antigen Salmonella Vi, 1 mL Used in the quality control of Salmonella O Antisera Poly A-I & Vi (226641) and Vi	1	8422
221001	QC antigen Shigella Group A, 1 mL Used in the quality control of Shigella Antiserum Poly Group A (241025)	1	9362
211737	QC antigen Shigella Group A1, 1 mL Used in the quality control of Shigella Antiserum Poly Group A1 (241026)	1	15695
211738	QC antigen Shigella Group B, 1 mL Used in the quality control of Shigella Antiserum Poly Group B (241027)	1	9543
221031	QC antigen Shigella Group C, 1 mL Used in the quality control of Shigella Antiserum Poly Group C (241028)	1	9459
221041	QC antigen Shigella Group C1, 1 mL Used in the quality control of Shigella Antiserum Poly Group C1 (241029)	1	10246
221051	QC antigen Shigella Group C2, 1 mL Used in the quality control of Shigella Antiserum Poly Group C2 (241030)	1	14922
221061	QC antigen Shigella Group D, 1 mL Used in the quality control of Shigella Antiserum Poly Group D (241031)	1	9498
223101	Bordetella parapertussis Antiserum, 1 mL Rabbit serum for slide agglutination	1	15962
223091	Bordetella pertussis Antiserum, 1 mL Rabbit serum for slide agglutination	1	11300
223781	FA Bordetella Parapertussis, 5 mL Direct FA identification of B. parapertussis	1	48890
223591	FA Bordetella Pertussis, 5 mL Direct FA identification of B. pertussis	1	48072
221591	E. coli H Antiserum H7, 3 mL Tube test for serological confirmation of E. coli O157:H7	1	13727
229701	E. coli O Antiserum O157, 3 mL Tube test for serological confirmation of E. coli O157:H7	1	14559
240934	Brucella Positive Control AMS, 5 mL	1	16263
240940	Proteus Polyvalent Antiserum, 5 mL	1	15903
240941	Salmonella Somatic Poly Antiserum, 5 mL	1	14087
240942	Salmonella Flagellar Poly Antiserum, 5 mL	1	14087
222371	Haemophilus Influenzae Antiserum Poly, 1 mL	1	10103
222501	Haemophilus Influenzae Antiserum Type a, 1 mL	1	10675
222361	Haemophilus Influenzae Antiserum Type b, 1 mL	1	4541

## Antigens and Antisera

Cat. No.	Description	Pack Size	List Price
227891	Haemophilus Influenzae Antiserum Type c, 1 mL	1	11133
227901	Haemophilus Influenzae Antiserum Type d, 1 mL	1	11133
227911	Haemophilus Influenzae Antiserum Type e, 1 mL	1	11133
227921	Haemophilus Influenzae Antiserum Type f, 1 mL	1	11133
223021	Listeria O Antiserum Poly Types 1 & 4, 1 mL	1	9497
223001	Listeria O Antiserum Type 1, 1 mL	1	10427
223011	Listeria O Antiserum Type 4, 1 mL	1	10336
222281	Neisseria Meningitidis Antiserum Group A, 1 mL	1	7990
222291	Neisseria Meningitidis Antiserum Group B, 1 mL	1	17531
222301	Neisseria Meningitidis Antiserum Group C, 1 mL	1	7990
222311	Neisseria Meningitidis Antiserum Group D, 1 mL	1	22547
222531	Neisseria Meningitidis Antiserum Group W135, 1 mL	1	7990
228811	Neisseria Meningitidis Antiserum Group Y, 1 mL	1	7990
228911	Neisseria Meningitidis Antiserum Group Z, 1 mL	1	26093
222521	Neisseria Meningitidis Antiserum Group Z', 1 mL	1	25509
222321	Neisseria Meningitidis Antiserum Poly, Groups A, B, C, D, 1 mL	1	12025
229101	Neisseria Meningitidis Antiserum Poly 2, Groups X, Y, Z, 1 mL Salmonella Grouping Antisera - Glycerinated, Ready to Use (No dilution or re-hydration required.)	1	18540
240983	Salmonella O Antiserum Group A, 3 mL	1	24164
240985	Salmonella O Antiserum Group C1, 3 mL	1	9882
240986	Salmonella O Antiserum Group C2, 3 mL	1	24109
240987	Salmonella O Antiserum Group D, 3 mL	1	9877
240988	Salmonella O Antiserum Group E, 3 mL	1	9953
240989	Salmonella O Antiserum Group F, 3 mL	1	27406
240990	Salmonella O Antiserum Group G, 3 mL	1	27469
240991	Salmonella O Antiserum Group H, 3 mL	1	24228
240993	Salmonella O Antiserum Group Poly A-I & Vi, 3 mL	1	9863
240994	Salmonella Vi Antiserum, 3 mL	1	9872
228201	Salmonella H Antiserum a, 3 mL	1	16922
228211	Salmonella H Antiserum b, 3 mL	1	17530
228221	Salmonella H Antiserum c, 3 mL	1	17530
228231	Salmonella H Antiserum d, 3 mL	1	14227
222731	Salmonella H Antiserum eh, 3 mL	1	17530
225441	Salmonella H Antiserum f, 3 mL	1	17302
225451	Salmonella H Antiserum h, 3 mL	1	17530
228241	Salmonella H Antiserum i, 3 mL	1	14458
222741	Salmonella H Antiserum k, 3 mL	1	18989
225461	Salmonella H Antiserum m, 3 mL	1	13771

## Antigens and Antisera

Cat. No.	Description	Pack Size	List Price
225481	Salmonella H Antiserum p, 3 mL	1	19532
222751	Salmonella H Antiserum r, 3 mL	1	17530
225501	Salmonella H Antiserum s, 3 mL	1	17530
225511	Salmonella H Antiserum t, 3 mL	1	17608
225541	Salmonella H Antiserum w, 3 mL	1	19790
225551	Salmonella H Antiserum x, 3 mL	1	17530
222761	Salmonella H Antiserum y, 3 mL	1	17530
222771	Salmonella H Antiserum z, 3 mL	1	17530
224731	Salmonella H Antiserum z6, 3 mL	1	17530
222791	Salmonella H Antiserum z10, 3 mL	1	19790
225561	Salmonella H Antiserum z13, 3 mL	1	19879
225571	Salmonella H Antiserum z15, 3 mL	1	19790
225581	Salmonella H Antiserum z23, 3 mL	1	20998
225611	Salmonella H Antiserum z28, 3 mL	1	18751
222801	Salmonella H Antiserum z29, 3 mL	1	19790
225621	Salmonella H Antiserum z32, 3 mL	1	21094
222701	Salmonella H Antiserum EN Complex, 3 mL	1	28956
222691	Salmonella H Antiserum G Complex, 3 mL	1	17666
222711	Salmonella H Antiserum L Complex, 3 mL	1	14045
222781	Salmonella H Antiserum Z4 Complex, 3 mL	1	17530
224061	Salmonella H Antiserum Poly a-z, EN, G, L, Z4, and 1 complexes and a-k, r-z, z6, z10, z29 agglutinins, 3 mL	1	12993
225391	Salmonella H Antiserum Poly A, Factors a, b, c, d, i, z10, z29, 3 mL	1	17608
225401	Salmonella H Antiserum Poly B, Factors eh, en, enx, enz15 and G Complex, 3 mL .. S	1	17608
225411	Salmonella H Antiserum Poly C, Factors k, l, r, y, z, z4, 3 mL	1	17608
225421	Salmonella H Antiserum Poly D, Factors z35, z36, z37, z38, z39, z41, z42, 3 mL	1	17608
225431	Salmonella H Antiserum Poly E, 1 Complex, z6, 3 mL	1	17608
224741	Salmonella H Antiserum Single Factor 2, 3 mL	1	14458
224751	Salmonella H Antiserum Single Factor 5, 3 mL	1	17608
224761	Salmonella H Antiserum Single Factor 6, 3 mL	1	17530
224771	Salmonella H Antiserum Single Factor 7, 3 mL	1	17530
222651	Salmonella H Antiserum Spicer-Edwards 1, 3 mL	1	14113
222661	Salmonella H Antiserum Spicer-Edwards 2, 3 mL	1	14113
222671	Salmonella H Antiserum Spicer-Edwards 3, 3 mL	1	14113
222681	Salmonella H Antiserum Spicer-Edwards 4, 3 mL	1	14044
222721	Salmonella H Antiserum 1 Complex, 3 mL	1	13771
228141	Salmonella O Antiserum Factor 2, 3 mL	1	13863
226591	Salmonella O Antiserum Factor 4, Group B, 3 mL	1	13863

## Antigens and Antisera

Cat. No.	Description	Pack Size	List Price
228151	Salmonella O Antiserum Factors 4, 5, Group B, 3 mL	1	5740
226601	Salmonella O Antiserum Factor 5, Group B, 3 mL	1	14206
228161	Salmonella O Antiserum Factor 7, Groups C1 and C4, 3 mL	1	5740
228171	Salmonella O Antiserum Factor 8, Groups C2 and C3, 3 mL	1	5740
228181	Salmonella O Antiserum Factor 9, Group D, 3 mL	1	14340
222571	Salmonella O Antiserum Factor 10, Group E1, 3 mL	1	17123
227791	Salmonella O Antiserum Factor 12, 3 mL	1	16941
226611	Salmonella O Antiserum Factor 14, 3 mL	1	17623
222581	Salmonella O Antiserum Factor 15, Groups E2 and E3, 3 mL	1	17394
222591	Salmonella O Antiserum Factor 19, Group E4, 3 mL	1	17471
226621	Salmonella O Antiserum Factor 20, 3 mL	1	17701
226631	Salmonella O Antiserum Factor 22, Group G1, 3 mL	1	17623
226641	Salmonella O Antiserum Factor 23, Group G2, 3 mL	1	17623
226661	Salmonella O Antiserum Factor 25, 3 mL	1	17623
226671	Salmonella O Antiserum Factor 27, 3 mL	1	17623
211778	Salmonella O Antiserum Factor 34, Group E3, 3 mL	1	19895
229471	Salmonella O Antiserum Group A Factor 1, 2, 12, 3 mL	1	6747
229731	Salmonella O Antiserum Group B Factor 1, 4, 12, 27, 3 mL	1	6747
229481	Salmonella O Antiserum Group B Factor 1, 4, 5, 12, 3 mL	1	6747
229491	Salmonella O Antiserum Group C1 Factor 6, 7, 3 mL	1	6747
229501	Salmonella O Antiserum Group C2 Factor 6, 8, 3 mL	1	6747
230161	Salmonella O Antiserum Group C3 Factor 8, 20, 3 mL	1	17356
229511	Salmonella O Antiserum Group D1 Factor 1, 9, 12, 3 mL	1	6747
230171	Salmonella O Antiserum Group D2 Factor 9 (46), 3 mL	1	9963
228191	Salmonella O Antiserum Group E Factor 1, 3, 10, 15, 19, 34, 3 mL	1	6747
229521	Salmonella O Antiserum Group E1 Factor 3, 10, 3 mL	1	17701
229541	Salmonella O Antiserum Group E2 Factor 3, 15, 3 mL	1	17701
230181	Salmonella O Antiserum Group E3 Factor (3), (15), 34, 3 mL	1	17623
230191	Salmonella O Antiserum Group E1 Factor 1, 3, 19, 3 mL	1	17623
222601	Salmonella O Antiserum Group F Factor 11, 3 mL	1	15214
230291	Salmonella O Antiserum Group G Factor 13, 22, 23 (36), (37), 3 mL	1	15214
222611	Salmonella O Antiserum Group G1 Factor 13, 22, (36), 3 mL	1	13139
230201	Salmonella O Antiserum Group G2 Factor 1, 13, 23, (36), (37), 3 mL	1	19895
222621	Salmonella O Antiserum Group H Factor 1, 6, 14, 24, 25, 3 mL	1	15839
222631	Salmonella O Antiserum Group I Factor 16, 3 mL	1	13957
211780	Salmonella O Antiserum Group J Factor 17, 3 mL	1	21169
225181	Salmonella O Antiserum Group K Factor 18, 3 mL	1	19895

## Antigens and Antisera

Cat. No.	Description	Pack Size	List Price
225191	Salmonella O Antiserum Group L Factor 21, 3 mL	1	19895
211781	Salmonella O Antiserum Group M Factor 28, 3 mL	1	17680
211783	Salmonella O Antiserum Group N Factor 30, 3 mL	1	19895
225221	Salmonella O Antiserum Group O Factor 35, 3 mL	1	12638
225341	Salmonella O Antiserum Poly A, Groups A, B, D, E1, E2, E3, E4 and L, 3 mL	1	5711
222641	Salmonella O Antiserum Poly A-I & Vi, Groups 1-16, 19, 22-25, 34, Vi, 3 mL	1	5480
225351	Salmonella O Antiserum Poly B, Groups C1, C2, F, G and H, 3 mL	1	5763
225361	Salmonella O Antiserum Poly C, Groups I, J, K, M, N and O, 3 mL	1	13667
225371	Salmonella O Antiserum Poly D, Groups P, Q, R, S, T and U, 3 mL	1	13863
225381	Salmonella O Antiserum Poly E, Groups V, W, X, Y and Z, 3 mL	1	17018
226451	Salmonella O Antiserum Poly F, Groups 51-55, 3 mL	1	17623
226461	Salmonella O Antiserum Poly G, Groups 56-61, 3 mL	1	17014
228271	Salmonella Vi Antiserum	1	6747
228341	Shigella Antiserum Poly A	1	13979
227761	Shigella Antiserum Poly A1	1	13978
228351	Shigella Antiserum Poly B	1	13979
228361	Shigella Antiserum Poly C	1	13979
227771	Shigella Antiserum Poly C1	1	13979
227781	Shigella Antiserum Poly C2	1	13979
228371	Shigella Antiserum Poly D	1	13979
228381	Shigella Alkalescens-Dispar Antiserum Poly 1-4 Shigella Grouping Antisera - Glycerinated, Ready to Use (No dilution or re-hydration required.)	1	13359
241025	Shigella Antiserum Poly A, 3 mL	1	17809
241026	Shigella Antiserum Poly A1, 3 mL	1	24251
241027	Shigella Antiserum Poly B, 3 mL	1	24137
241028	Shigella Antiserum Poly C, 3 mL	1	24225
241029	Shigella Antiserum Poly C1, 3 mL	1	24203
241030	Shigella Antiserum Poly C2, 3 mL	1	17985
241031	Shigella Antiserum Poly D, 3 mL	1	24245
224301	Vibrio Cholerae Antiserum Inaba, 3 mL Rabbit serum for slide agglutination test	1	12574
224311	Vibrio Cholerae Antiserum Ogawa, 3 mL Rabbit serum for slide agglutination test	1	12599
224321	Vibrio Cholerae Antiserum Poly, 3 mL Rabbit serum for slide agglutination test. Contains agglutinins for V. cholerae, inaba and ogawa	1	12510





# Environmental Systems & Collection Transport



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

# BD Sterile Pack Swabs For Environmental Monitoring

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



## DON'T TAKE CHANCES

that your environmental samples could be contaminated by a less than sterile swab. Wipe out uncertainty with BD Sterile Pack Swabs – the first prefilled swab/rinse solution set with a Sterility Assurance Level (SAL) of  $10^{-6}$ , an industry standard! BD Sterile Pack Swabs are ideal for the stringent sterility requirements of surface sampling in clean rooms and isolators at pharmaceutical and medical device manufacturing facilities. And because these swabs are designed for hard-to-reach places, BD Sterile Pack Swabs easily fit into equipment recesses, nooks and crevices.



## PRODUCT FEATURES

- 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
- Complies with the new ISO guidelines
- Each lot comes with a Certificate of Analysis
- ATP-free, Dacron™ swab
- Saves time, no need to create your own media and swab/solution set in house
- Convenient and cost-effective solution
- One year shelf-life, at room temperature storage

## PROCEDURAL STEPS



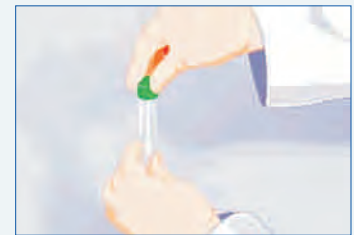
1. Open double wrapped exterior and peel open single wrapped pouch.



2. Twist cap and remove swab from tube.



3. Swab sampling area.



4. Twist cap onto tube and transport to the laboratory for testing.

## ORDERING INFORMATION

Cat. Number	Description	Qty/Pkg.
220518	BD Sterile Pack Swabs	each

# BD BBL™ & Difco™

## Environmental Systems

Cat. No.	Description	Pack Size	List Price
<b>BBL™ GasPak™ Products and Accessories</b>			
<b>BD GasPak™ EZ Products</b>			
260671	GasPak™ EZ Standard Incubation Container	1	13262
260672	GasPak™ EZ Large Incubation Container	1	On request
260673	GasPak™ EZ Standard Rack	1	9016
260674	GasPak™ EZ Large Rack	1	9016
260678	GasPak™ EZ Anaerobe Container System Sachets	20	6611
260679	GasPak™ EZ CO2 Container System Sachets	20	5085
260680	GasPak™ EZ Campy Container System Sachets Campy	20	6155
260683	GasPak™ EZ Anaerobe Pouch System	20	8430
260684	GasPak™ EZ CO2 Pouch System	20	7434
260685	GasPak™ EZ CampyPouch™ System	20	7306
<b>GasPak™ 100 Systems</b>			
260626	GasPak™ 100 System, complete. Consists of polycarbonate jar, lid with "O" ring gasket, improved clamp/thumbscrew assembly and catalyst reaction chamber, two catalyst charges, one rack and one tube	1	41465
260627	GasPak™ 100 System, Vented, complete. Similar to 260626, except that a vented lid is substituted for the nonvented lid	1	52334
260463	GasPak™ 100 Polycarbonate Jar, 9 x 5 inches, O.D	1	9996
260411	GasPak™ 100 Lid Complete with improved clamp/thumbscrew assembly, "O" ring gasket, and catalyst reaction chamber, with two catalyst charges	1	19811
260467	GasPak™ 100 Vented Lid Complete with improved clamp/thumbscrew assembly, "O" ring gasket, catalyst reaction chamber, two catalyst charges, rubber tube and tubing clamp	1	30279
260414	Improved Clamp/Thumbscrew Assembly for GasPak™ 100	1	8073
260413	"O" Ring Gasket for GasPak™ 100 lids	1	1300
260619	GasPak™ 100 Rack. Holds 12 100 x 15 mm style Petri dishes	1	12551
260622	GasPak™ 100 Holding Jar Complete with one jar and one holding jar lid	1	24593
260623	GasPak™ 100 Holding Jar lid Complete with "O" ring, improved clamp/thumbscrew assembly, and one piece of tubing	1	22695
260637	GasPak™ 100 Lid with "O" ring gasket (only) Without clamp screw, catalyst reaction chamber or catalyst charges	1	7988
260638	GasPak™ 100 Vented Lid with "O" ring gasket (only) Without clamp, clamp screw, catalyst reaction chamber, catalyst charges or rubber tube and tubing clamp	1	13919
<b>GasPak™ 150 Systems</b>			
260628	GasPak™ 150 Large Anaerobic System, complete. Consists of polycarbonate jar (nonvented), lid assembly with "O" ring gasket and catalyst reaction chambers (3 each), ten catalyst charges, one rack and one tube holder	1	59560

# BD BBL™ & Difco™

## Environmental Systems

Cat. No.	Description	Pack Size	List Price
260629	GasPak™ 150 Large Anaerobic System, Vented complete. Similar to 260628 except that the jar is supplied with the vent installed, rubber tube and tubing clamp	1	67463
260607	GasPak™ 150 Large Anaerobic Jar (only)	1	19157
260608	GasPak™ 150 Large Anaerobic Vented Jar Complete with vent installed, rubber tube and tubing clamp	1	16933
260609	GasPak™ 150 Vent Kit. Consists of threaded vent, rubber tube and tubing clamp. For converting 260628 nonvented system to 260629 vented system	1	4171
260610	GasPak™ 150 Lid Assembly. Consists of outer lid and thumb screw, inner lid, large "O" ring gasket, three catalyst reaction chambers and six catalyst charges	1	25689
260614	"O" Ring Gasket, for GasPak™ 150 lid assembly	1	3458
260618	GasPak™ 150 Rack. Holds 36 100 x 15 mm style Petri dishes	1	12676
270124	GasPak™ 150 Inner Lid with large "O" ring gasket (only) Without outer lid and thumbscrew, catalyst reaction chambers or catalyst charges	1	9035
271031	GasPak™ 150 Outer Lid with thumbscrew (only) Without inner lid	1	7952

### GasPak™ Supplies

271051	GasPak™ Dry Anaerobic Indicator Strips	100	8395
271055	GasPak™ CO2 Indicator Strips	50	9164
270303	Catalyst Replacement Charges	10	4380
260412	Catalyst Reaction Chamber Screw threaded, safety screen unit, without catalyst charge	1	3055
260630	GasPak™ Tube Holder Holds up to 13 16.5 x 128 mm tubes	1	4118
261205	CO2 Generators, Bulk Package Individually packaged CO2 Gas Generators for use with appropriate enclosures (up to 340 cc in volume)	500	44002

### Bio-Bag™ Products

261214	Bio-Bag™ Type A A disposable environmental system for the isolation of anaerobic bacteria. Consists of 100 Anaerobic Generators, 100 Palladium Catalyst Containers, 100 Anaerobic Indicators, and 100 Bio-Bag™ Type A environmental chambers	100	40640
261215	PBio-Bag™ Type A A disposable environmental system for the isolation of anaerobic bacteria. Consists of 25 Anaerobic Generators, 25 Palladium Catalyst Containers, 25 Anaerobic Indicators, and 25 Bio-Bag™ Type A environmental chambers	25	10552
261216	Bio-Bag™ Type A Multi-Plate A disposable environmental system for the isolation of anaerobic bacteria. Sized to hold either three standard Petri dishes, identification strips or MIC plate. Contains 50 Anaerobic Generators/Indicators, 100 Palladium Catalyst Containers, and 50 Bio-Bag™ Type A Multi-Plate environmental chambers	50	33871

# BD BBL™ & Difco™

## Environmental Systems & Collection Transport

Cat. No.	Description	Pack Size	List Price
261211	Bio-Bag™ Type Cfj A disposable environmental system for the isolation of Campylobacter jejuni subsp. jejuni. Sized to hold one or two Petri dishes. Contains 100 microaerophilic generators and 100 Bio-Bag™ Type Cfj environmental chambers	100	20327
261212	Bio-Bag™ Type Cfj A disposable environmental system for the isolation of Campylobacter jejuni subsp. jejuni. Sized to hold one or two Petri dishes. Contains 25 microaerophilic generators and 25 Bio-Bag™ Type Cfj environmental chambers	25	5185
261510	Bio-Bag™ Type C A disposable environmental system designed to generate a CO2-enriched environment. Contains 50 CO2 Gas Generators and 50 Bio-Bag™ Type C environmental chambers	50	8421

## Collection Transport

### Loops

220216	Disposable Inoculating Loop, 10 µl (Light Blue)	250	1951
220217	Disposable Inoculating Loop, 10 µl (Light Blue)	1000	4145
220215	Disposable Inoculating Loop, 1 µl (Light Green)	1000	4145
220214	Disposable Inoculating Loop, 1 µl (Light Green)	250	1951
220218	Disposable Inoculating Needle (Violet)	1000	4145

### Viral Transport Systems

220222	Universal Viral Transport Combo Kit	50	8813
220240	Universal Viral Transport Polyester Swabs	100	7883
220221	Universal Viral Transport Standard Kit	50	5619
220239	Universal Viral Transport Standard Polyester Swabs	100	1322
220220	Universal Viral Transport vial, 3ml	50	4958

### BBL™ Vacutainer™ Anaerobic Specimen Collector

236500	Vacutainer™ Anaerobic Specimen Collector	100	35720
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### BBL™ Port-A-Cul™ Transport Systems

221608	Port-A-Cul™ Vial 3" sterile pack screw cap jar with 1" wide mouth	10	1537
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## Collection Transport

Cat. No.	Description	Pack Size	List Price
<b>BBL™ Specimen Collection and Transport Systems</b>			
220099	CultureSwab™ Liquid Stuart	50	1872
220097	CultureSwab™ Cary-Blair Agar	50	2137
220121	CultureSwab™ Plus Amies Gel with Charcoal	50	1872
220116	CultureSwab™ Plus Amies Gel without Charcoal	50	1872
220126	CultureSwab™ Plus Amies Gel without Charcoal	50	6823
220231	CultureSwab™ MaxV Liquid Amies (Single Swab)	50	2147
220710	SWUBE™ - Single Swab Sterile (screw cap with polyester tip)	200	8026
220690	SWUBE™ - Single Swab Sterile (friction cap with cotton tip) (screw cap with cotton tip)	1000	6166