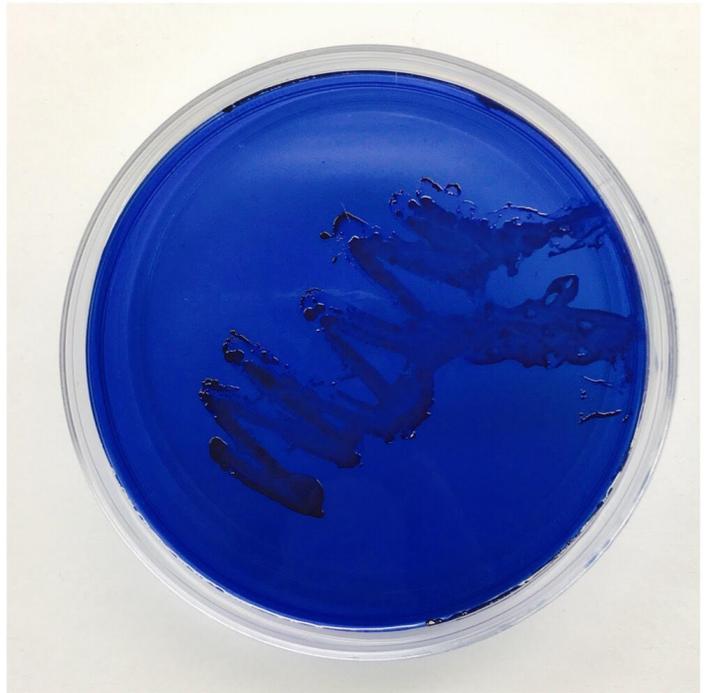


MOLTOX[®]

Molecular Toxicology, Inc.





MOLTOX[®]

Molecular Toxicology, Inc.



Founded in 1986, **MOLTOX[®]** is a leading manufacturer of prepared bacteriological media including nutrient, selective and enrichment media used in industrial, environmental and molecular microbiology. **MOLTOX[®]** observes the highest standards in the production and packaging of prepared media.

MOLTOX[®] media is manufactured with the best materials:

- Petri dishes are highest quality polystyrene. Dishes stack well and exhibit excellent optical clarity and dimensional uniformity.
- Many different containers including, PETG, PET, natural polypropylene or polycarbonate containers with PTFE or white rubber closure liners are used. All containers are noncontaminating.
- Prepared media is formulated with industry standard Alpha Biosciences, Becton Dickinson, HiMedia as well as customer specified agars.
- Each lot of media is tested for sterility and, if appropriate, its ability to support the growth of the appropriate microorganism. Other customer specified criteria may be employed.
- All media is accompanied by GLP-compliant formulation and QC certificates.

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MOLTOX®

Molecular Toxicology, Inc.

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PRODUCTS

All MOLTOX® products are manufactured for research purposes only.

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Cosmetic Testing

MOLTOX[®] offers a wide variety of prepared culture media for Cosmetic Testing applications including environmental sampling, isolation, differentiation and enumeration of organisms, sterility and more. We also specialize in custom media preparation specifically tailored to your needs. If you do not see your product on our list, please contact us for more information.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STOARGE	PART #
Brain Heart Infusion Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S62
	28 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S66
	25 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S209

Also known as BHI, Brain Heart Infusion Agar is a general purpose medium used for the cultivation of fastidious and nonfastidious microorganisms. This includes aerobic and anaerobic bacteria.

CDC Anaerobe Blood Agar	75 mL	150 mm plate	10 plates/sleeve		Refrigerate/Dark	21-40S309
	32 mL	100 mm plate	10 plates/sleeve		Refrigerate/Dark	21-40S311

CDC Anaerobe Blood Agar is an enriched, nonselective medium used for the isolation of a wide variety of fastidious, obligate anaerobes.

Cetrimide Agar	25 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S014
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Also known as Pseudosele Agar, Cetrimide Agar is used as a selective isolation and identification medium for *Pseudomonas aeruginosa*.

Columbia Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S111
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This general purpose medium is used for the isolation and cultivation of fastidious and nonfastidious microorganisms.

D/E Neutralizing Agar		Contact Plate	10 plates/sleeve		Refrigerate	21-40S297
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D/E (Dey/Engley) Neutralizing agar is used to detect and enumerate microorganisms present on articles of sanitary importance.

D/E Neutralizing Broth	500 mL	Glass Bottle	1 each	2 x Formulation	Refrigerate	26-683
	500 mL	Glass Bottle	1 each		Refrigerate	26-704.047

D/E (Dey/Engley) Neutralizing broth is used for the neutralization and testing of antiseptic and disinfectants.

EE Mossel Broth	90 mL	Glass Bottle	1 each	Enterobacteriaceae Enrichment	Refrigerate	26-554.038
	100 mL	Glass Bottle	1 each	Enterobacteriaceae Enrichment	Refrigerate	26-554.039

EE Mossel Broth is used for selectively enriching and detecting Enterobacteriaceae and other lactose-negative organisms. This is then followed by subculturing on a selective medium such as Violet Red Bile Agar or Violet Red Bile Glucose Agar (VRBGA).

Fluid A	100 mL	Plastic Bottle	1 each	pH 7.1 ± 0.2	Room Temp	26-752.1
	500 mL	Plastic Bottle	1 each	pH 7.1 ± 0.2	Room Temp	26-752.5

Lethen Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S028
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Used to determine the antimicrobial activity in quarternary ammonium compounds, primarily when evaluating disinfectants, germicides and cosmetics.

Lethen Broth	90 mL	Glass Bottle	1 each		Refrigerate	26-697.038
	500 mL	Plastic Bottle	1 each		Refrigerate	26-697.047
	9 mL	Glass Tube	10 tubes/box		Refrigerate	51-40S134

Used to determine the antimicrobial activity in quarternary ammonium compounds, primarily when evaluating disinfectants, germicides and cosmetics. Lethen broth is also used in determining the phenol coefficient of cationic surfactants.



PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
MacConkey Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S012.140

MacConkey Agar is used for the detection and isolation of gram-negative organisms and for isolating and differentiating lactose fermenting from lactose-nonfermenting enteric bacilli.

MacConkey Broth	100 mL	Glass Bottle	1 each		Refrigerate	26-556
	50 mL	Glass Bottle	1 each		Refrigerate	26-556.05

MacConkey broth is utilized as a preliminary test for coliform organisms. It is used for cultivating gram-negative, lactose fermenting bacilli in water and foods.



Malt Extract Agar	20 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S60
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Malt Extract Agar is most commonly used for the propagation of yeasts and molds. Other uses include isolation, cultivation and the enumeration of yeasts and molds.

Mannitol Salt Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S010
	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S64.141

Mannitol Salt Agar is a selective isolation and an enumerating agar for *Staphylococcus*. It also aids in the differentiation of staphylococcal species.

Nutrient Agar	30 mL	100 mm plate	20 plates/sleeve	Oxoid #2	Room Temp	21-100
	30 mL	100 mm plate	10 plates/sleeve	Oxoid #2	Room Temp	21-100.1
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S76
	7 mL	Glass Tube	10 tubes/box	Slant	Refrigerate	22-132.007H
	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S031

Nutrient Agar is a general purpose medium for the cultivation and maintenance of nonfastidious organisms. It can be used for the cultivation and enumeration of organisms in water, sewage, feces and other materials. Nutrient agars prepared with Oxoid Nutrient Broth # 2, specified by Maron & Ames, Mutat. Res. 113: 173, 1983, are used for general growth and CFU determinations of Ames *S. typhimurium* and *E. coli* WP2 strains.

For Full Selection of Nutrient Agar and Broth, See page 45

Plate Count Agar	25 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S46.141
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S091
	400 mL	Glass Bottle	1 each		Room Temp	26-521

Plate Count Agar, or Standard Methods Agar, is used for the enumeration of bacteria in a variety of samples including dairy products, food, water and other materials.

Potato Dextrose Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S036
	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S52.141
		Contact Plate	10 plates/sleeve		Room Temp	51-40S131
	20 mL	Glass Tube	10 tubes/box		Room Temp	22-161

This medium is used for the cultivation and enumeration of yeasts and molds. Potato Dextrose Agar is also used for the maintenance of stock cultures of certain dermatophytes and for the differentiation of varieties of dermatophytes via pigment production.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Pseudomonas Agar F	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	21-40S77
	10 mL/sector	Bi plate	10 plates/sleeve	Pseudomonas F/ Pseudomonas P	Refrigerate	21-40S79

Pseudomonas F (Flo) Agar enhances fluorescein production by Pseudomonas and is therefore used for the differentiation of pseudomonads.

Pseudomonas Agar P	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	21-40S75
	10 mL/sector	Bi plate	10 plates/sleeve	Pseudomonas P/ Pseudomonas F	Refrigerate	21-40S79

Pseudomonas P, or Tech Agar, enhances pyocyanin production by Pseudomonas and is therefore used for the differentiation of pseudomonads.

Reinforced Clostridial Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	21-40S145
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Reinforced Clostridial Agar is used for cultivating and enumerating clostridia and other anaerobes from food and clinical specimens.

Sabouraud Dextrose Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S53
SDA	10 mL	Glass Tube	10 tubes/box	Slants	Room Temp	22-106
	10 mL	Glass Tube	10 tubes/box	w/5 µg/mL Chloramphenicol Slants	Refrigerate	22-112
	500 mL	Glass Bottle	1 each		Room Temp	26-720



Sabouraud Dextrose Agar is used for the cultivation of pathogenic and nonpathogenic fungi such as dermatophytes and can be more selective with the addition of antimicrobics.



Sabouraud Dextrose Broth	100 mL	Glass Bottle	1 each		Room Temp	26-679
SDB	100 mL	Glass Wide Mouth Jar	1 each	pH 5.6 ±0.2	Room Temp	26-728

Sabouraud Dextrose Broth is used for culturing yeasts, molds and other aciduric microorganisms.

Triple Sugar Iron Agar	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-109.010H
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TSI
Also known as TSI, Triple Sugar Iron Agar is used for the differentiation of gram-negative enteric bacilli via carbohydrate fermentation and the production of hydrogen sulfide. Gas production and pH-dependent color change of the media indicates carbohydrate fermentation while hydrogen sulfide production is revealed via the formation of black precipitate.

Tryptic Soy Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S54.141
TSA	75 mL	150 mm plate	10 plates/sleeve		Room Temp	21-40S110
	100 mL	150 mm plate	10 plates/sleeve	Double Pour	Room Temp	21-40S147
	30 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S259.140
	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-107.010H
	45 mL	Glass Tube	10 tubes/box		Room Temp	22-144.031H
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S002
		Contact Plate	10 plates/sleeve		Refrigerate	51-40S078

Also known as TSA or Trypticase Soy Agar, Tryptic Soy Agar is used for the isolation and cultivation of fastidious and nonfastidious microorganisms. This medium can be used for a wide variety of purposes including maintenance of stock cultures, plate counts and microorganism isolation of a range of specimens. It is also used for testing bacterial contaminants in cosmetics.

For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Tryptic Soy Agar TSA w/Lecithin & Tween 80	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	21-40S100.140
		Contact Plate	10 plates/sleeve		Refrigerate	21-40S108.140
	100 mL	Glass Bottle	1 each	pH 7.3 ±0.2	Room Temp	26-739

Also known as TSA or Trypticase Soy Agar, Tryptic Soy Agar is used for the isolation and cultivation of fastidious and nonfastidious microorganisms. This medium can be used for a wide variety of purposes including maintenance of stock cultures, plate counts and microorganism isolation of a range of specimens. It is also used for testing bacterial contaminants in cosmetics. The addition of Tween 80 and/or Lecithin is used for environmental monitoring as they inactivate disinfectant residue.

Tryptic Soy Agar

TSA w/5% Sheep Blood	20 mL	100 mm plate	20 plates/sleeve	5% Sheep Blood	Refrigerate	21-40S61
	10 mL	Glass Tube	10 tubes/box	5% Sheep Blood	Refrigerate	22-110
	20 mL	100 mm plate	10 plates/sleeve	5% Sheep Blood	Refrigerate	51-40S003

Also known as TSA or Trypticase Soy Agar, Tryptic Soy Agar is used for the isolation and cultivation of fastidious and nonfastidious microorganisms. This medium can be used for a wide variety of purposes including maintenance of stock cultures, plate counts and microorganism isolation of a range of specimens. It is also used for testing bacterial contaminants in cosmetics. The addition of blood is used for the visualization of hemolytic reactions produced by various bacterial species.

For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48

Tryptic Soy Broth	3 mL	Plastic Tube	10 tubes/box		Refrigerate	22-114
	20 mL	Glass Tube	10 tubes/box		Room Temp	22-125.020H
	25 mL	Glass Tube	10 tubes/box		Room Temp	22-126.025H
	10 mL	Glass Tube	10 tubes/box		Refrigerate	22-127.010H
	10 mL	Glass Tube	10 tubes/box	2 x Formulation	Room Temp	22-158.010H
	90 mL	Glass Bottle	1 each		Room Temp	26-531.038
	1000 mL	Plastic Bottle	1 each		Room Temp	26-531.052
	100 mL	Plastic Bottle	1 each		Room Temp	26-607

Also known as Trypticase or Soybean-Casein Digest, Tryptic Soy Broth is a general purpose medium used for the cultivation of fastidious and nonfastidious microorganisms, including common aerobic, facultative and anaerobic bacteria and fungi.

Violet Red Bile Glucose Agar

VRBGA	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S56
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Violet Red Bile Glucose Agar (VRBGA) is used for the detection and enumeration of Enterobacteriaceae in foods and dairy products.

XLD Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S016
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Xylose Lysine Desoxycholate Agar (XLD) is a selective medium for the isolation and differentiation of enteric pathogens, particularly the more fastidious pathogens such as Shigella.

Yeast Malt Agar

YM	20 mL	100 mm plate	20 plates/sleeve	Low pH	Room Temp	21-40S88
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Yeast Malt Agar, or Yeast Mold Agar, is used for the cultivation of yeasts, molds and other acidophilic microorganisms.



Environmental Sampling

MOLTOX® offers a wide variety of prepared culture media for General Purpose use. We also specialize in custom media preparation specifically tailored to your needs. If you do not see your product on our list, please contact us for more information.

CDC Anaerobe Blood Agar	75 mL	150 mm plate	10 plates/sleeve	Refrigerate/Dark	21-40S309
	32 mL	100 mm plate	10 plates/sleeve	Refrigerate/Dark	21-40S311

CDC Anaerobe Blood Agar is an enriched, nonselective medium used for the isolation of a wide variety of fastidious, obligate anaerobes.



D/E Neutralizing Agar	Contact Plate	10 plates/sleeve	Refrigerate	21-40S297
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D/E (Dey/Engley) Neutralizing agar is used to establish and monitor cleaning procedures.

D/E Neutralizing Broth	500 mL	Glass Bottle	1 each	2 x Formulation	Refrigerate	26-683
	500 mL	Glass Bottle	1 each		Refrigerate	26-704.047

D/E (Dey/Engley) Neutralizing broth is used for the neutralization and testing of antiseptic and disinfectants.

R2A Agar	20 mL	100 mm plate	10 plates/sleeve	Room Temp	51-40S081.140
	20 mL	100 mm plate	20 plates/sleeve	Room Temp	21-40S13
		Contact Plate	10 plates/sleeve	Room Temp	21-40S308

R2A Agar is recommended for use in the enumeration of heterotrophic bacteria in drinking or tap water. This medium improves the recovery of stressed and chlorine tolerant bacteria from potable water sources.

Rose Bengal Agar	20 mL	100 mm plate	20 plates/sleeve	w/0.1mg/mL Chloramphenicol	Refrigerate/Dark	21-40S63
		Contact Plate	10 plates/sleeve	w/0.1mg/mL Chloramphenicol	Refrigerate/Dark	21-40S68
		Contact Plate	10 plates/sleeve	w/0.1mg/mL Chloramphenicol w/0.7g/L Lecithin & 5 g/L Tween 80	Refrigerate	21-40S265.140

Rose Bengal Agar is used in conjunction with chloramphenicol for isolating and enumerating yeasts and molds from food and water samples.

Sabouraud Dextrose Agar	20 mL	100 mm plate	20 plates/sleeve	Room Temp	21-40S53	
SDA	20 mL	100 mm plate	10 plates/sleeve	w/0.7g/L Lecithin & 5 g/L Tween 80	Room Temp	21-40S101
		Contact Plate	10 plates/sleeve	w/0.7g/L Lecithin & 5 g/L Tween 80	Refrigerate	21-40S243.140
		Contact Plate	10 plates/sleeve	w/50µg/mL Chloramphenicol	Refrigerate	21-40S295
	10 mL	Glass Tube	10 tubes/box	Slants	Room Temp	22-106
	10 mL	Glass Tube	10 tubes/box	w/5 µg/mL Chloramphenicol Slants	Refrigerate	22-112
	500 mL	Glass Bottle	1 each	Room Temp	26-720	

Sabouraud Dextrose Agar is used for the cultivation of pathogenic and nonpathogenic fungi such as dermatophytes and can be more selective with the addition of antimicrobics.

Sabouraud Dextrose Broth	100 mL	Glass Bottle	1 each		Room Temp	26-679
SDB	100 mL	Glass Wide Mouth Jar	1 each	pH 5.6 ±0.2	Room Temp	26-728

Sabouraud Dextrose Broth is used for culturing yeasts, molds and other aciduric microorganisms.

Tryptic Soy Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S54.141
TSA	75 mL	150 mm plate	10 plates/sleeve		Room Temp	21-40S110
	100 mL	150 mm plate	10 plates/sleeve	Double Pour	Room Temp	21-40S147
	30 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S259.140
	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-107.010H
	45 mL	Glass Tube	10 tubes/box		Room Temp	22-144.031H
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S002
		Contact Plate	10 plates/sleeve		Refrigerate	51-40S078

Also known as TSA or Trypticase Soy Agar, Tryptic Soy Agar is used for the isolation and cultivation of fastidious and nonfastidious microorganisms. This medium can be used for a wide variety of purposes including maintenance of stock cultures, plate counts and microorganism isolation of a range of specimens. It is also used for testing bacterial contaminants in cosmetics.

For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48

Tryptic Soy Agar						
TSA w/Lecithin & Tween 80	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	21-40S100.140
		Contact Plate	10 plates/sleeve		Refrigerate	21-40S108.140
	100 mL	Glass Bottle	1 each	pH 7.3 ±0.2	Room Temp	26-739

Also known as TSA or Trypticase Soy Agar, Tryptic Soy Agar is used for the isolation and cultivation of fastidious and nonfastidious microorganisms. This medium can be used for a wide variety of purposes including maintenance of stock cultures, plate counts and microorganism isolation of a range of specimens. It is also used for testing bacterial contaminants in cosmetics. The addition of Tween 80 and/or Lecithin is used for environmental monitoring as they inactivate disinfectant residue.



Food, Dairy & Beverage Testing

MOLTOX® offers a wide variety of prepared culture media for Food, Dairy & Beverage Testing applications including isolation, detection and enumeration of microorganisms, membrane filtration media, sterility and more. We also specialize in custom media preparation specifically tailored to your needs. If you do not see your product on our list, please contact us for more information.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Bismuth Sulfite Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate/Dark	51-40S007
	8 mL/sector	Tri Plate	10 plates/sleeve	Bismuth Sulfite Agar Brilliant Green Agar XLD Agar	Refrigerate/Dark	21-40S73

Bismuth Sulfite Agar is a highly selective medium used for the isolation of *Salmonella* species, particularly *Salmonella typhimurium* in various types of samples including food, water and sewage. This product is not autoclaved in order to maintain its selective properties.

Blood Agar	20 mL	100 mm plate	10 plates/sleeve	w/5% Sheep Blood	Refrigerate	51-40S005
	20 mL	100 mm plate	10 plates/sleeve	w/5% Horse Blood	Refrigerate	51-40S105

Blood Agar is used to cultivate, isolate and detect hemolytic activity of streptococci and other fastidious microorganisms.



Brain Heart Infusion Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S62
	28 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S66
	25 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S209

Also known as BHI, Brain Heart Infusion Agar is a general purpose medium used for the cultivation of fastidious and nonfastidious microorganisms. This includes aerobic and anaerobic bacteria.

Brilliant Green Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S015
	25 mL	100 mm plate	20 plates/sleeve	w/ Novobiocin	Refrigerate	21-40S45
	10 mL/sector	Bi Plate	10 plates/sleeve	Brilliant Green/ XLD Agar	Refrigerate	21-40S86
	8 mL/sector	Tri Plate	10 plates/sleeve	Bismuth Sulfite/ Brilliant Green & XLD agar	Refrigerate/Dark	21-40S73

Brilliant Green Agar is a highly selective medium for the isolation of *Salmonella* other than *S. typhimurium* from materials such as feces. It is used in procedures for the examination of water and wastewater as well as for use in the performance of Microbial Limit Tests.

Buffered Peptone Water	100 mL	Glass Wide Mouth Jar	1 each	w/ 1% Tween 80	Refrigerate	26-727
	500 mL	Glass Wide Mouth Jar	1 each	w/ 1% Tween 80	Refrigerate	26-727.5



Buffered Peptone Water is a pre-enrichment, nonselective medium that allows for the repair of cell damage and facilitates the recovery of *Salmonella* species from food specimens prior to selective enrichment and isolation. Also used as a diluent for food and water samples.

Demi-Fraser Broth	10 mL	Glass Tube	10 tubes/box	w/ supplement	Refrigerate	51-40S025
	225 mL	Glass Bottle	1 each	w/ supplement	Refrigerate	51-40S027

Demi-Fraser Broth, in conjunction with Fraser Broth Supplement, is used to selectively and differentially enrich *Listeria* from food and environmental samples.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
EE Mossel Broth	90 mL	Glass Bottle	1 each	Enterobacteriaceae Enrichment	Refrigerate	26-554.038
	100 mL	Glass Bottle	1 each	Enterobacteriaceae Enrichment	Refrigerate	26-554.039

EE Mossel Broth is used for selectively enriching and detecting Enterobacteriaceae and other lactose-negative organisms. This is then followed by subculturing on a selective medium such as Violet Red Bile Agar or Violet Red Bile Glucose Agar (VRBGA).

m Endo Agar, LES	20 mL	100 mm plate	10 plates/sleeve		Refrigerate/Dark	21-40S80
	8 mL	50 mm plate	10 plates/sleeve		Refrigerate/Dark	21-40S204

m Endo Agar LES is used for enumerating coliforms in water by membrane filtration technique.

Eosin Methylene Blue Agar (EMB), Levine	20 mL	100 mm plate	20 plates/sleeve		Refrigerate/Dark	21-40S87
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Eosin Methylene Blue Agar (EMB), Levine is a slightly selective and differential plating medium used for the isolation of gram-negative bacteria.

m FC Agar	10-12 mL	50 mm plate	10 plates/sleeve		Refrigerate	21-40S206.140
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This media is used with Rosolic Acid to cultivate and enumerate fecal coliforms by membrane filtration at elevated temperatures.

Fluid Thioglycollate Medium	200 mL	Glass Bottle	1 each		Room Temp	26-606
	1000 mL	Plastic Bottle	1 each		Refrigerate	51-40S051
	10 mL	Glass Tube	10 tubes/box		Room Temp	22-133.010H

Fluid Thioglycollate Medium (FTM) contains a small amount of agar and several reducing agents which detect the presence of anaerobic bacteria in sterility testing. This medium is recommended by the FDA and in the USP for use in sterility confirmation. Strict aerobes tend to grow in a thin layer at the surface of the broth while obligate anaerobes will grow only in the portion of the broth below the upper oxidized layer.

Hektoen Enteric Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate/Dark	51-40S008
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Hektoen Enteric Agar is a fairly selective medium used for the isolation and cultivation of gram-negative enteric microorganisms, particularly Shigella.

Lactobacilli MRS Agar	500 mL	Glass bottle	1 each		Refrigerate	51-0S071.047
	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-0S020.140

Lactobacilli MRS Agar is used in the isolation, enumeration and cultivation of Lactobacillus species.



Lactobacilli MRS Broth	100 mL	Glass bottle	1 each		Refrigerate	26-619.039
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Lactobacilli MRS Broth is used for the isolation and maintenance of Lactobacillus and Leuconostoc.

Lactose Broth	90 mL	Glass Wide Mouth Jar	1 each	0.5% Lecithin & 4% Tween 20	Refrigerate	26-549
	90 mL	Glass Wide Mouth Jar	1 each	0.3% Lecithin & 2% Tween 80; pH 6.9 ± 0.2	Refrigerate	26-667

Lactose Broth is used for the detection of coliform organisms as an enrichment broth for Salmonella and for studying general lactose fermentation of bacteria.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
MacConkey Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S012.140
	20 mL	100 mm plate	10 plates/sleeve	10 µg/mL Nalidixic Acid	Refrigerate	51-40S038

MacConkey Agar is used for the detection and isolation of gram-negative organisms and for isolating and differentiating lactose fermenting from lactose-nonfermenting enteric bacilli.

MacConkey Broth	100 mL	Glass Bottle	1 each		Refrigerate	26-556
	50 mL	Glass Bottle	1 each		Refrigerate	26-556.05

MacConkey broth is utilized as a preliminary test for coliform organisms. It is used for cultivating gram-negative, lactose fermenting bacilli in water and foods.

MacConkey II Agar w/ Sorbitol	20 mL	100 mm plate	10 plates/sleeve	w/Cefixime & Potassium Tellurite	Refrigerate	51-40S121
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MacConkey II Agar w/ Sorbitol, Cefixime and Tellurite (SMAC-CT) is a selective and differential medium specifically designed to inhibit *Proteus mirabilis*, non-O157 *E. coli* strains and other sorbitol-nonfermenting strains.

Malt Extract Agar	20 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S60
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Malt Extract Agar is most commonly used for the propagation of yeasts and molds. Other uses include isolation, cultivation and the enumeration of yeasts and molds.

Mannitol Salt Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S010
	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S64.141

Mannitol Salt Agar is a selective isolation and an enumerating agar for Staphylococcus. It also aids in the differentiation of staphylococcal species.



Modified Clostridial Broth	100 mL	Plastic Bottle	1 each		Refrigerate	26-577
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Modified Clostridial Broth is used for the enumeration of Clostridia in food samples.

Nutrient Agar	30 mL	100 mm plate	20 plates/sleeve	Oxoid #2	Room Temp	21-100
	30 mL	100 mm plate	10 plates/sleeve	Oxoid #2	Room Temp	21-100.1
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S76
	7 mL	Glass Tube	10 tubes/box	Slant	Refrigerate	22-132.007H
	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S031

Nutrient Agar is a general purpose medium for the cultivation and maintenance of nonfastidious organisms. It can be used for the cultivation and enumeration of organisms in water, sewage, feces and other materials. Nutrient agars prepared with Oxoid Nutrient Broth # 2, specified by Maron & Ames, Mutat. Res. 113: 173, 1983, are used for general growth and CFU determinations of Ames *S. typhimurium* and *E. coli* WP2 strains.

For Full Selection of Nutrient Agar and Broth, See page 45

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Nutrient Broth	9 mL	Glass Tube	10 tubes/box		Room Temp	22-121
	25 mL	Plastic Bottle	1 each	Oxoid #2	Room Temp	26-505.025
	50 mL	Plastic Bottle	1 each	Oxoid #2	Room Temp	26-505.05
	100 mL	Glass Bottle	1 each	Oxoid #2	Room Temp	26-505.1
	300 mL	Glass Bottle	1 each	Oxoid #2	Room Temp	26-505.3
	500 mL	Glass Bottle	1 each	Oxoid #2	Room Temp	26-505.5
	300 mL	Glass Bottle	1 each	Oxoid #2 w/ VBE	Room Temp	26-555.3
	500 mL	Glass Bottle	1 each	Oxoid #2 w/ VBE	Room Temp	26-555.5

Nutrient Broth is used for the cultivation of various nonfastidious microorganisms. The formulations which include Oxoid Nutrient Broth # 2 are primarily used in the Ames assay as specified by Maron & Ames, Mutat. Res. 113: 173, 1983 for culture of *S. typhimurium*.

For Full Selection of Nutrient Agar and Broth, See page 45

Plate Count Agar	25 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40546.141
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-405091
	400 mL	Glass Bottle	1 each		Room Temp	26-521

Plate Count Agar, or Standard Methods Agar, is used for the enumeration of bacteria in a variety of samples including dairy products, food, water and other materials.



Potato Dextrose Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S036
	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40552.141
		Contact Plate	10 plates/sleeve		Room Temp	51-40S131
	20 mL	Glass Tube	10 tubes/box		Room Temp	22-161

This medium is used for the cultivation and enumeration of yeasts and molds. Potato Dextrose Agar is also used for the maintenance of stock cultures of certain dermatophytes and for the differentiation of varieties of dermatophytes via pigment production.

Potato Dextrose Broth	10 mL	Glass Tube	10 tubes/box	Min order of 2	Room Temp	22-176
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This general-purpose broth medium is used for the cultivation of yeasts and molds.

Rappaport-Vassilliadis

R10 Broth	1000 mL	Plastic Bottle	1 each		Room Temp	51-40S119
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Rappaport-Vassilliadis R10 Broth is a selective enrichment medium for Salmonella from meat, dairy products, feces and sewage polluted water.

Reinforced Clostridial Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	21-40S145
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Reinforced Clostridial Agar is used for cultivating and enumerating clostridia and other anaerobes from food and clinical specimens.

PRODUCT	FILL SIZE	VESSEL	Packaging	Features	Storage Conditions	PART #
Salmonella Shigella Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S011

Salmonella Shigella (SS) Agar is a differential and selective medium used for the isolation, cultivation and differentiation of gram-negative enteric bacilli from samples like feces, urine and foods.



Sabouraud Dextrose Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S53
SDA	10 mL	Glass Tube	10 tubes/box	Slants	Room Temp	22-106
	10 mL	Glass Tube	10 tubes/box	w/5 µg/mL Chloramphenicol Slants	Refrigerate	22-112
	500 mL	Glass Bottle	1 each		Room Temp	26-720

Sabouraud Dextrose Agar is used for the cultivation of pathogenic and nonpathogenic fungi such as dermatophytes and can be more selective with the addition of antimicrobics.

Sabouraud Dextrose Broth	100 mL	Glass Bottle	1 each		Room Temp	26-679
SDB	100 mL	Glass Wide Mouth Jar	1 each	pH 5.6 ±0.2	Room Temp	26-728

Sabouraud Dextrose Broth is used for culturing yeasts, molds and other aciduric microorganisms.

Tetrathionate Broth	1000 mL	Plastic Bottle	1 each	Not sterile. Without iodine-iodide solution.	Refrigerate	51-40S120
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Tetrathionate Broth is a selective medium used for the isolation of Salmonella from various materials such as food, urine, feces, etc.

Tomato Juice Broth	100 mL	Glass Bottle	1 each		Refrigerate	26-584
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Tomato Juice Broth is used for cultivating and isolating yeasts, lactobacilli and other aciduric microorganisms.

Triple Sugar Iron Agar	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-109.010H
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TSI

Also known as TSI, Triple Sugar Iron Agar is used for the differentiation of gram-negative enteric bacilli via carbohydrate fermentation and the production of hydrogen sulfide. Gas production and pH-dependent color change of the media indicates carbohydrate fermentation while hydrogen sulfide production is revealed via the formation of black precipitate.

Tryptic Soy Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S54.141
TSA	75 mL	150 mm plate	10 plates/sleeve		Room Temp	21-40S110
	100 mL	150 mm plate	10 plates/sleeve	Double Pour	Room Temp	21-40S147
	30 mL	100 mm plate	10 plates/sleeve		Room Temp	21-0S259.140
	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-107.010H
	45 mL	Glass Tube	10 tubes/box		Room Temp	22-144.031H
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S002
		Contact Plate	10 plates/sleeve		Refrigerate	51-40S078

Also known as TSA or Trypticase Soy Agar, Tryptic Soy Agar is used for the isolation and cultivation of fastidious and nonfastidious microorganisms. This medium can be used for a wide variety of purposes including maintenance of stock cultures, plate counts and microorganism isolation of a range of specimens. It is also used for testing bacterial contaminants in cosmetics.

For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Tryptic Soy Broth	3 mL	Plastic Tube	10 tubes/box		Refrigerate	22-114
	20 mL	Glass Tube	10 tubes/box		Room Temp	22-125.020H
	25 mL	Glass Tube	10 tubes/box		Room Temp	22-126.025H
	10 mL	Glass Tube	10 tubes/box		Refrigerate	22-127.010H
	10 mL	Glass Tube	10 tubes/box	2 x Formulation	Room Temp	22-158.010H
	90 mL	Glass Bottle	1 each		Room Temp	26-531.038
	1000 mL	Plastic Bottle	1 each		Room Temp	26-531.052
	100 mL	Plastic Bottle	1 each		Room Temp	26-607

Also known as Trypticase or Soybean-Casein Digest, Tryptic Soy Broth is a general purpose medium used for the cultivation of fastidious and nonfastidious microorganisms, including common aerobic, facultative and anaerobic bacteria and fungi.

For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48

Tryptose Phosphate Broth	100 mL	Glass Bottle	1 each		Room Temp	26-615
	500 mL	Glass Bottle	1 each		Room Temp	26-618

Tryptose Phosphate Broth is used for the cultivation of fastidious, pathogenic microorganisms.

Violet Red Bile Agar

VRBA		Contact Plates	10 plates/sleeve		Refrigerate	21-40S260.140
	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S090

Violet Red Bile Agar (VRBA) is used for the enumeration of coliform organisms in food and dairy products.



Violet Red Bile Glucose Agar

VRBGA	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S56
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Violet Red Bile Glucose Agar (VRBGA) is used for the detection and enumeration of Enterobacteriaceae in foods and dairy products.

XLD Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S016
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Xylose Lysine Desoxycholate Agar (XLD) is a selective medium used for the isolation and differentiation of enteric pathogens, particularly the more fastidious pathogens such as Shigella.

XLT4 Agar	20 mL	100 mm plate	10 plates/sleeve	w/ supplement	Refrigerate	51-40S122.140
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XLT4 (Xylose lysine tergitol 4) is a selective medium used in conjunction with the Niaproof 4 supplement to isolate non-typhimurium Salmonella from laboratory samples.

Yeast Malt Agar

YM	20 mL	100 mm plate	20 plates/sleeve	Low pH	Room Temp	21-40S88
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Yeast Malt Agar, or Yeast Mold Agar, is used for the cultivation of yeasts, molds and other acidophilic microorganisms.



General Purpose

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PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
ATCC Medium 243 Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	21-40S320
ATCC Medium 243 Agar, also known as Heart Infusion plus Medium w/ Yeast Extract #3, supports the growth of Mycoplasma species.						
ATCC Medium 243 Broth	10 mL	Glass Tube	10 tubes/box		Refrigerate	22-174
ATCC Medium 243 Broth, also known as Heart Infusion plus Medium w/ Yeast Extract #3, supports the growth of Mycoplasma species.						
ATCC Medium 988 Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	21-40S319
ATCC Medium 988, also known as Mycoplasma Medium SP-4, for isolation, differentiation and maintenance of Mycoplasma.						
ATCC Medium 988 Broth	10 mL	Glass Tube	10 tubes/box		Refrigerate	22-173
	50 mL	Plastic Bottle	1 each	w/additional 5% FBS	Refrigerate	26-746
ATCC Medium 988, also known as Mycoplasma Medium SP-4, for isolation, differentiation and maintenance of Mycoplasma.						
Bacmid Selection Plates	30 mL	100 mm plate	10 plates/sleeve		Refrigerate	21-40S125
LB Agar, Lennox plates supplemented with Gentamicin, Kanamycin, Tetracycline, Bluo-gal and IPTG used for transformation of recombinant Bacmid DNA.						
Brain Heart Infusion Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S62
	28 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S66
	25 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S209
Also known as BHI, Brain Heart Infusion Agar is a general purpose medium used for the cultivation of fastidious and nonfastidious microorganisms. This includes aerobic and anaerobic bacteria.						
						
Columbia Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S111
This general purpose medium is used for the isolation and cultivation of fastidious and nonfastidious microorganisms.						
Dextrose Starch Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S021
Dextrose Starch Agar is used for cultivating fastidious microorganisms, primarily Neisseria gonorrhoea as a pure culture.						
Esculin Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S193
Esculin Agar is a differential medium used for the identification and differentiation of a microorganism by establishing esculin hydrolysis.						
Fluid Thioglycollate Medium	200 mL	Glass Bottle	1 each		Room Temp	26-606
	1000 mL	Plastic Bottle	1 each		Refrigerate	51-40S051
	10 mL	Glass Tube	10 tubes/box		Room Temp	22-133.010H

Fluid Thioglycollate Medium (FTM) contains a small amount of agar and several reducing agents which detect the presence of anaerobic bacteria in sterility testing. This medium is recommended by the FDA and in the USP for use in sterility confirmation. Strict aerobes tend to grow in a thin layer at the surface of the broth while obligate anaerobes will grow only in the portion of the broth below the upper oxidized layer.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Haemophilus Test Medium	500 mL	Plastic Bottle	1 each	w/o NAD	Refrigerate	26-616
Haemophilus Test Medium (HTM) is used in the dilution antimicrobial susceptibility testing (AST) of Haemophilus influenzae and other fastidious respiratory pathogens. This formulation is supplemented with the X factor (hematin) but not the V (NAD) growth factors. For differentiation of XV, NAD must be added to this medium.						
Half Strength Nutrient Agar	20 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S95
Half Strength Nutrient Agar is commonly used for the identification and enumeration of total bacteria and Actinomyces, whereas the low nutrient content reduces the overgrowth of unwanted microorganisms for optimal enumeration of the species of interest.						
L-Tyrosine Agar	20 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S191
Tyrosine Agar is used for the differentiation of Nocardias species based on tyrosine hydrolysis.						
Mitis Salivarius Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S013
Mitis Salivarius Agar is used in conjunction with 1% Tellurite solution for isolating Streptococcus mitis, S. salivarius and enterococci from contaminated specimens. These organisms are commonly found in the flora of the oral cavity.						
						
Mueller Hinton Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S055
Mueller Hinton Agar is used in antimicrobial disc susceptibility testing as well as for cultivating a wide variety of microorganisms. This media is designed to contain low levels of thymine and thymidine as well as controlled levels of calcium and magnesium.						
Mueller Hinton Broth	500 mL	Plastic Bottle	1 each		Refrigerate	26-617.047
Mueller Hinton Broth is used in antimicrobial susceptibility testing as well as for cultivating a wide variety of fastidious and nonfastidious microorganisms. This medium is not cation-adjusted.						
						
Mueller Hinton II Broth	100 mL	Glass Bottle	1 each	Cation Adjusted	Refrigerate	26-638
Mueller Hinton II Broth is used in susceptibility testing of aerobic and facultatively anaerobic bacteria. This medium is cation-adjusted to calcium and magnesium ion concentrations.						
Nutrient Agar	30 mL	100 mm plate	20 plates/sleeve	Oxoid #2	Room Temp	21-100
	30 mL	100 mm plate	10 plates/sleeve	Oxoid #2	Room Temp	21-100.1
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S76
	7 mL	Glass Tube	10 tubes/box	Slant	Refrigerate	22-132.007H
	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S031

Nutrient Agar is a general purpose medium for the cultivation and maintenance of nonfastidious organisms. It can be used for the cultivation and enumeration of organisms in water, sewage, feces and other materials. Nutrient agars prepared with Oxoid Nutrient Broth # 2, specified by Maron & Ames, Mutat. Res. 113: 173, 1983, are used for general growth and CFU determinations of Ames *S. typhimurium* and *E. coli* WP2 strains.

For Full Selection of Nutrient Agar and Broth, See page 45

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Nutrient Broth	9 mL	Glass Tube	10 tubes/box		Room Temp	22-121
	25 mL	Plastic Bottle	1 each	Oxoid #2	Room Temp	26-505.025
	50 mL	Plastic Bottle	1 each	Oxoid #2	Room Temp	26-505.05
	100 mL	Glass Bottle	1 each	Oxoid #2	Room Temp	26-505.1
	300 mL	Glass Bottle	1 each	Oxoid #2	Room Temp	26-505.3
	500 mL	Glass Bottle	1 each	Oxoid #2	Room Temp	26-505.5
	300 mL	Glass Bottle	1 each	Oxoid #2 w/ VBE	Room Temp	26-555.3
	500 mL	Glass Bottle	1 each	Oxoid #2 w/ VBE	Room Temp	26-555.5

Nutrient Broth is used for the cultivation of various nonfastidious microorganisms. The formulations which include Oxoid Nutrient Broth # 2 are primarily used in the Ames assay as specified by Maron & Ames, Mutat. Res. 113: 173, 1983 for culture of *S. typhimurium* and *E. coli* WP2.

For Full Selection of Nutrient Agar and Broth, See page 45

Peptone Broth	9 mL	Glass Tube	10 tubes/box	0.1% Peptone	Room Temp	22-101
	90 mL	Glass Bottle	1 each	0.1% Peptone	Room Temp	26-519

Peptone Broth is used as an organic nitrogen source for the cultivation of a variety of bacteria and fungi.

Phytone Yeast Extract PYE Agar	20 mL	100 mm plate	10 plates/sleeve	w/ Fructose	Room Temp	21-40S146
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Phytone Yeast Extract Agar, or PYE, is used as a selective isolation medium of dermatophytes and other pathogenic fungi.

Plate Count Agar	25 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S46.141
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S091
	400 mL	Glass Bottle	1 each		Room Temp	26-521

Plate Count Agar, or Standard Methods Agar, is used for the enumeration of bacteria in a variety of samples including dairy products, food, water and other materials.

Potato Starch Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S192
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Potato Starch Agar is used for cultivating microorganisms used in starch hydrolysis testing.

Schaedler Agar	20 mL	100 mm plate	10 plates/sleeve	5% Sheep Blood	Refrigerate	21-40S328
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Schaedler Agar is a base medium for the recovery of anaerobic microorganisms. The addition of 5% sheep blood is used for the selective isolation of the gram positive cocci.



Skim Milk, 15%	50 mL	Glass Bottle	1 each		Refrigerate	21-40S50
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Skim Milk can be used for maintaining frozen stock cultures as well as for the cultivation and enumeration of many common microorganisms.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Spider Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S322
Spider Agar is specifically formulated to stimulate colony morphology and hyphae formation of <i>C. albicans</i> .						
Spider Broth	100 mL	Plastic Bottle	1 each		Room Temp	26-745
Spider Broth is used for the growth of <i>C. albicans</i> .						



Synthetic Complete Dextrose SCD Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S321
Synthetic Complete Dextrose (SCD) Agar is used for the select identification and confirmation of auxotrophic yeast cultures. This media has all the amino acids minus Alanin, Asparagine, Aspartic acid, Cysteine, Glutamine, Glutamic acid, Glycine, Inositol, p-aminobenzoic acid and Proline.						

Synthetic Complete Dextrose SCD Broth	100 mL	Plastic Bottle	1 each		Room Temp	26-744
Synthetic Complete Dextrose (SCD) Broth is used for the growth and propagation of auxotrophic yeast cultures. This media has all the amino acids minus Alanin, Asparagine, Aspartic acid, Cysteine, Glutamine, Glutamic acid, Glycine, Inositol, p-aminobenzoic acid and Proline.						

Tryptic Soy Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S54.141
TSA	75 mL	150 mm plate	10 plates/sleeve		Room Temp	21-40S110
	100 mL	150 mm plate	10 plates/sleeve	Double Pour	Room Temp	21-40S147
	30 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S259.140
	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-107.010H
	45 mL	Glass Tube	10 tubes/box		Room Temp	22-144.031H
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S002
		Contact Plate	10 plates/sleeve		Refrigerate	51-40S078

Also known as TSA or Trypticase Soy Agar, Tryptic Soy Agar is used for the isolation and cultivation of fastidious and nonfastidious microorganisms. This medium can be used for a wide variety of purposes including maintenance of stock cultures, plate counts and microorganism isolation of a range of specimens. It is also used for testing bacterial contaminants in cosmetics.

For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48

Tryptic Soy Agar						
TSA w/Lecithin & Tween 80	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	21-40S100.140
		Contact Plate	10 plates/sleeve		Refrigerate	21-40S108.140
	100 mL	Glass Bottle	1 each	pH 7.3 ±0.2	Room Temp	26-739

Also known as TSA or Trypticase Soy Agar, Tryptic Soy Agar is used for the isolation and cultivation of fastidious and nonfastidious microorganisms. This medium can be used for a wide variety of purposes including maintenance of stock cultures, plate counts and microorganism isolation of a range of specimens. It is also used for testing bacterial contaminants in cosmetics. The addition of Tween 80 (Polysorbate 80) and/or Lecithin is used for environmental monitoring as they inactivate disinfectant residue.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Tryptic Soy Agar						
TSA w/5% Sheep Blood	20 mL	100 mm plate	20 plates/sleeve	5% Sheep Blood	Refrigerate	21-40S61
	10 mL	Glass Tube	10 tubes/box	5% Sheep Blood	Refrigerate	22-110
	20 mL	100 mm plate	10 plates/sleeve	5% Sheep Blood	Refrigerate	51-40S003

Also known as TSA or Trypticase Soy Agar, Tryptic Soy Agar is used for the isolation and cultivation of fastidious and nonfastidious microorganisms. This medium can be used for a wide variety of purposes including maintenance of stock cultures, plate counts and microorganism isolation of a range of specimens. It is also used for testing bacterial contaminants in cosmetics. The addition of blood is used for the visualization of hemolytic reactions produced by various bacterial species.



Tryptic Soy Broth						
TSB w/Lecithin & Tween 80	100 mL	Glass Bottle	1 each	0.3% Lecithin & 7% Tween 80	Refrigerate	26-705.1
	300 mL	Glass Bottle	1 each	0.3% Lecithin & 7% Tween 80	Refrigerate	26-705.3
	490 mL	Plastic Bottle	1 each	0.3% Lecithin & 7% Tween 80	Refrigerate	26-705.145

Also known as Trypticase or Soybean-Casein Digest, Tryptic Soy Broth is a general purpose medium used for the cultivation of fastidious and nonfastidious microorganisms, including common aerobic, facultative and anaerobic bacteria and fungi. The addition of Tween 80 (Polysorbate 80) and/or Lecithin is used for environmental monitoring as they inactivate disinfectant residue.

For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48

Tryptic Soy Broth	3 mL	Plastic Tube	10 tubes/box		Refrigerate	22-114
	20 mL	Glass Tube	10 tubes/box		Room Temp	22-125.020H
	25 mL	Glass Tube	10 tubes/box		Room Temp	22-126.025H
	10 mL	Glass Tube	10 tubes/box		Refrigerate	22-127.010H
	10 mL	Glass Tube	10 tubes/box	2 x Formulation	Room Temp	22-158.010H
	90 mL	Glass Bottle	1 each		Room Temp	26-531.038
	1000 mL	Plastic Bottle	1 each		Room Temp	26-531.052
	100 mL	Plastic Bottle	1 each		Room Temp	26-607

Also known as Trypticase or Soybean-Casein Digest, Tryptic Soy Broth is a general purpose medium used for the cultivation of fastidious and nonfastidious microorganisms, including common aerobic, facultative and anaerobic bacteria and fungi.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Tryptose Phosphate Broth	100 mL	Glass Bottle	1 each		Room Temp	26-615
	500 mL	Glass Bottle	1 each		Room Temp	26-618
Tryptose Phosphate Broth is used for the cultivation of fastidious, pathogenic microorganisms.						
Tryptone Salt Broth	9 mL	Glass Tube	10 tubes/box		Room Temp	51-40S100
This Tryptone Salt Broth is a 0.1% tryptone with NaCl for use as a in stock suspensions.						
Tryptone Yeast Broth	400 mL	Plastic Bottle	1 each		Refrigerate	26-540
This Tryptone Yeast Broth consists of Peptone and Yeast extract only. Does not contain the addition of NaCl.						



V8 Agar	50 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S245.141
	20 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S49
	10 mL	Glass Tube	10 tubes/box		Refrigerate	22-103

V8 Agar is used in the cultivation and sporation of fungi.

Membrane Filtration Testing

MOLTOX[®] offers a variety of prepared culture media for Membrane Filtration including selective isolation, detection and enumeration of microorganisms. We also specialize in custom media preparation specifically tailored to your needs. If you do not see your product on our list, please contact us for more information.



PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
CP Chromo Select Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	21-40S305
CP Chromo Select Agar is a chromogenic media used for the detection, enumeration and differentiation of Clostridium perfringens, primarily through membrane filtration.						
m EI Agar	10-12 mL	60 mm plate	10 plates/sleeve		Refrigerate/Dark	21-40S203
	10-12 mL	60 mm plate	20 plates/sleeve		Refrigerate/Dark	21-40S316
m EI Agar is a selective, chromogenic culture medium used for the detection and enumeration of enterococci in water via one-step membrane filtration technique.						
m Endo Agar, LES	20 mL	100 mm plate	10 plates/sleeve		Refrigerate/Dark	21-40S80
	8 mL	50 mm plate	10 plates/sleeve		Refrigerate/Dark	21-40S204
m Endo Agar LES is used for enumerating coliforms in water by membrane filtration technique.						
m Enterococcus Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate/Dark	51-40S009
m Enterococcus Agar, also known as m Azide Agar, is used for the isolation and enumeration of enterococci in water via membrane filtration or plate pouring technique.						
m FC Agar	10-12 mL	50 mm plate	10 plates/sleeve		Refrigerate	21-40S206.140
m FC Agar is used with Rosolic Acid to cultivate and enumerate fecal coliforms by membrane filtration at elevated temperatures.						
m FC Broth	10.5 mL	Amber Vial	10 vials/box		Refrigerate	26-635.057
m FC Broth is used with Rosolic Acid to cultivate and enumerate fecal coliforms via membrane filtration technique at elevated temperatures.						



Microbial Limit Testing

MOLTOX® offers a wide variety of prepared culture media for Microbial Limit Testing including the isolation, enumeration and differentiation of microorganisms. We also specialize in custom media preparation specifically tailored to your needs. If you do not see your product on our list, please contact us for more information.



PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Bismuth Sulfite Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate/Dark	51-40S007
	8 mL/sector	Tri Plate	10 plates/sleeve	Bismuth Sulfite Agar Brilliant Green Agar XLD Agar	Refrigerate/Dark	21-40S73
Bismuth Sulfite Agar is a highly selective medium used for the isolation of Salmonella species, particularly <i>Salmonella typhi</i> in various types of samples including food, water and sewage. This product is not autoclaved in order to maintain its selective properties.						
Brilliant Green Agar	25 mL	100 mm plate	20 plates/sleeve	w/ Novobiocin	Refrigerate	21-40S45
	10 mL/sector	Bi Plate	10 plates/sleeve	Brilliant Green/ XLD Agar	Refrigerate	21-40S86
Brilliant Green Agar is a highly selective medium for the isolation of Salmonella other than <i>S. typhi</i> from materials such as feces. It is used in procedures for the examination of water and wastewater as well as for use in the performance of Microbial Limit Tests.						
Eosin Methylene Blue Agar						
(EMB), Levine	20 mL	100 mm plate	20 plates/sleeve		Refrigerate/Dark	21-40S87
Eosin Methylene Blue Agar (EMB), Levine, is a slightly selective and differential plating medium for the isolation of gram-negative bacteria.						
MacConkey Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S012.140
Used for the detection and isolation of gram-negative organisms and for isolating and differentiating lactose fermenting from lactose-nonfermenting enteric bacilli.						
MacConkey Agar II						
w/Sorbitol	20 mL	100 mm plate	10 plates/sleeve	Cefixime & Potassium Tellurite	Refrigerate	51-40S121
MacConkey II Agar w/ Sorbitol, Cefixime and Tellurite (SMAC-CT) is a selective and differential medium specifically designed to inhibit <i>Proteus mirabilis</i> , non-O157 <i>E. coli</i> strains and other sorbitol-nonfermenting strains						
Mannitol Salt Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S010
	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S64.141
Mannitol Salt Agar is a selective isolation and an enumerating agar for Staphylococcus. It also aids in the differentiation of staphylococcal species.						
Potato Dextrose Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S52.141
	20 mL	100 mm plate	10 plates/sleeve	w/ Chlorotetracycline & Chloramphenicol	Refrigerate	21-40S74.140
	20mL	Glass Tube	10 tubes/box		Room Temp	22-161
This medium is used for the cultivation and enumeration of yeasts and molds. Potato Dextrose Agar is also used for the maintenance of stock cultures of certain dermatophytes and for the differentiation of varieties of dermatophytes via pigment production.						

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Pseudomonas Agar F	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	21-40S77
	10 mL/sector	Bi plate	10 plates/sleeve	Pseudomonas F/ Pseudomonas P	Refrigerate	21-40S79
Pseudomonas F (Flo) Agar enhances fluorescein production by Pseudomonas and is therefore used for the differentiation of pseudomonads.						
Pseudomonas Agar P	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	21-40S75
	10 mL/sector	Bi plate	10 plates/sleeve	Pseudomonas P/ Pseudomonas F	Refrigerate	21-40S79
Pseudomonas P, or Tech Agar, enhances pyocyanin production by Pseudomonas and is therefore used for the differentiation of pseudomonads.						
Sabouraud Dextrose Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S53
SDA	10 mL	Glass Tube	10 tubes/box	Slants	Room Temp	22-106
	10 mL	Glass Tube	10 tubes/box	w/5 µg/mL Chloramphenicol Slants	Refrigerate	22-112
	500 mL	Glass Bottle	1 each		Room Temp	26-720
Sabouraud Dextrose Agar is used for the cultivation of pathogenic and nonpathogenic fungi such as dermatophytes and can be more selective with the addition of antimicrobics.						



Tetrathionate Broth	1000 mL	Plastic Bottle	1 each	Not sterile. Without iodine-iodide solution.	Refrigerate	51-40S120
Tetrathionate Broth is a selective medium used for the isolation of Salmonella from various materials such as food, urine, feces, etc.						

Triple Sugar Iron Agar	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-109.010H
TSI	Also known as TSI, Triple Sugar Iron Agar is used for the differentiation of gram-negative enteric bacilli via carbohydrate fermentation and the production of hydrogen sulfide. Gas production and pH-dependent color change of the media indicates carbohydrate fermentation while hydrogen sulfide production is revealed via the formation of black precipitate.					



PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Tryptic Soy Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S54.141
TSA	75 mL	150 mm plate	10 plates/sleeve		Room Temp	21-40S110
	100 mL	150 mm plate	10 plates/sleeve	Double Pour	Room Temp	21-40S147
	30 mL	100 mm plate	10 plates/sleeve		Room Temp	21-0S259.140
	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-107.010H
	45 mL	Glass Tube	10 tubes/box		Room Temp	22-144.031H
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S002
		Contact Plate	10 plates/sleeve		Refrigerate	51-40S078

Also known as TSA or Trypticase Soy Agar, Tryptic Soy Agar is used for the isolation and cultivation of fastidious and nonfastidious microorganisms. This medium can be used for a wide variety of purposes including maintenance of stock cultures, plate counts and microorganism isolation of a range of specimens. It is also used for testing bacterial contaminants in cosmetics.

For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48



Tryptic Soy Broth	3 mL	Plastic Tube	10 tubes/box		Refrigerate	22-114
	20 mL	Glass Tube	10 tubes/box		Room Temp	22-125.020H
	25 mL	Glass Tube	10 tubes/box		Room Temp	22-126.025H
	10 mL	Glass Tube	10 tubes/box		Refrigerate	22-127.010H
	10 mL	Glass Tube	10 tubes/box	2 x Formulation	Room Temp	22-158.010H
	90 mL	Glass Bottle	1 each		Room Temp	26-531.038
	1000 mL	Plastic Bottle	1 each		Room Temp	26-531.052
	100 mL	Plastic Bottle	1 each		Room Temp	26-607

Also known as Trypticase or Soybean-Casein Digest, Tryptic Soy Broth is a general purpose medium for the cultivation of fastidious and nonfastidious microorganisms, including common aerobic, facultative and anaerobic bacteria and fungi.

XLD Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S016
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Xylose Lysine Desoxycholate Agar (XLD) is a selective medium for the isolation and differentiation of enteric pathogens, particularly the more fastidious pathogens such as Shigella.

Molecular Genetics

MOLTOX[®] offers prepared culture media used in Molecular Genetics. We also specialize in custom media preparation specifically tailored to your needs. If you do not see your product on our list, please contact us for more information.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STOARGE	PART #
LB Agar, Lennox	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S075
<p>LB Agar, Lennox L, also referred to as Luria-Bertani Agar, is a widely used medium in molecular biology applications for maintaining and cultivating recombinant strains of <i>E. coli</i>. LB Agar, Lennox contains half the amount of sodium chloride as that of the Miller formulation. MOLTOX[®] offers a wide variety of LB Agar, Lennox plates with the addition of several different types and concentrations of antibiotics to provide a more selective medium for recombinant cells with a specific antibiotic resistance.</p>						
LB Agar, Miller	20 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S30
	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	21-40S102
<p>LB Agar, Miller, also referred to as Luria-Bertani Agar, is a widely used medium in molecular biology applications for maintaining and propagating <i>E. coli</i>. LB Agar, Miller contains twice the amount of sodium chloride as that of the Lennox formulation. MOLTOX[®] offers a wide variety of LB Agar, Miller plates with the addition of several different types and concentrations of antibiotics to provide a more selective medium for recombinant cells with specific antibiotic resistance.</p>						



For Full Selection of LB Agar and Broth, see pages 42-44

LB Broth, Miller	1000 mL	Plastic Bottle	1 each	Miller Formulation	Room Temp	26-598
<p>LB Broth Miller, also referred to as Luria-Bertani Broth, is a widely used medium in molecular biology applications for maintaining and propagating <i>E. coli</i>. LB Broth, Miller contains twice the amount of sodium chloride as that of the Lennox formulation.</p>						
2 x YT (Yeast/Tryptone) Broth	1000 mL	Plastic Bottle	1 each	2 x Formulation	Refrigerate	26-597
<p>This medium is a growth medium used for the cultivation of recombinant strains of <i>E. coli</i>. This nutritionally rich medium is also used in the propagation of M13 bacteriophage used in phage display research.</p>						
MacConkey Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S012.140
<p>MacConkey Agar is used for the detection and isolation of gram-negative organisms and for isolating and differentiating lactose fermenting from lactose-nonfermenting enteric bacilli.</p>						
Yeast-Peptone Dextrose Agar YPD	20 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S323
<p>YPD Agar is a complete medium used for the maintenance and propagation of yeasts in molecular genetics procedures.</p>						
Yeast-Peptone Dextrose Broth YPD	100 mL	Plastic Bottle	1 each		Room Temp	26-743
<p>YPD Broth is a complete medium used for the maintenance and propagation of yeasts in molecular genetics procedures.</p>						

Pharmaceutical Testing

MOLTOX® offers wide array of prepared culture media for Pharmaceutical Testing applications including the cultivation, isolation, selection, enumeration and differentiation of various microorganisms. We also specialize in custom media preparation specifically tailored to your needs. If you do not see your product on our list, please contact us for more information.



PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Cetrimide Agar	25 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S014

Also known as Pseudosel Agar, Cetrimide Agar is used as a selective isolation and identification media for *Pseudomonas aeruginosa*.



Columbia Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S111
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This general purpose medium is used for the isolation and cultivation of fastidious and nonfastidious microorganisms.

EE Mossel Broth	90 mL	Glass Bottle	1 each	Enterobacteriaceae Enrichment	Refrigerate	26-554.038
	100 mL	Glass Bottle	1 each	Enterobacteriaceae Enrichment	Refrigerate	26-554.039

EE Mossel Broth is used for selectively enriching and detecting Enterobacteriaceae and other lactose-negative organisms. This is then followed by subculturing on a selective medium such as Violet Red Bile Agar or Violet Red Bile Glucose Agar (VRBGA).

Fluid D Peptone Water w/Tween 80

90 mL	Glass Wide Mouth Jar	1 each	2% Tween 80 & 0.3% Lecithin	Refrigerate	26-654
90 mL	Glass Wide Mouth Jar	1 each	0.5% Tween 80	Refrigerate	26-659
500 mL	Glass Wide Mouth Jar	1 each	0.5% Tween 80	Refrigerate	26-661
95 mL	Glass Wide Mouth Jar	1 each	2% Tween 80	Refrigerate	26-741

Fluid D is peptone water (Fluid A) with the addition of Tween 80. It is used for diluting or rinsing when performing sterility testing. Tween 80 acts as a surfactant which breaks down any residue present.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Fluid Thioglycollate Medium	200 mL	Glass Bottle	1 each		Room Temp	26-606
	1000 mL	Plastic Bottle	1 each		Refrigerate	51-40S051
	10 mL	Glass Tube	10 tubes/box		Room Temp	22-133.010H

Fluid Thioglycollate Medium (FTM) contains a small amount of agar and several reducing agents which detect the presence of anaerobic bacteria in sterility testing. This medium is recommended by the FDA and in the USP for use in sterility confirmation. Strict aerobes tend to grow in a thin layer at the surface of the broth while obligate anaerobes will grow only in the portion of the broth below the upper oxidized layer.

MacConkey Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S012.140
	20 mL	100 mm plate	10 plates/sleeve	10 µg/mL Nalidixic Acid	Refrigerate	51-40S038

MacConkey Agar is used for the detection and isolation of gram-negative organisms and for isolating and differentiating lactose fermenting from lactose-nonfermenting enteric bacilli.

MacConkey Broth	100 mL	Glass Bottle	1 each		Refrigerate	26-556
	50 mL	Glass Bottle	1 each		Refrigerate	26-556.05

MacConkey broth is utilized as a preliminary test for coliform organisms. It is used for cultivating gram-negative, lactose fermenting bacilli in water and foods.



Mannitol Salt Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S010
	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S64.141

Mannitol Salt Agar is a selective isolation and an enumerating agar for Staphylococcus. It also aids in the differentiation of staphylococcal species.

Plate Count Agar	25 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S46.141
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S091
	400 mL	Glass Bottle	1 each		Room Temp	26-521

Plate Count Agar, or Standard Methods Agar, is used for the enumeration of bacteria in a variety of samples including dairy products, food, water and other materials.

Potato Dextrose Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S036
	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S52.141
		Contact Plate	10 plates/sleeve		Room Temp	51-40S131
	20 mL	Glass Tube	10 tubes/box		Room Temp	22-161

This medium is used for the cultivation and enumeration of yeasts and molds. Potato Dextrose Agar is also used for the maintenance of stock cultures of certain dermatophytes and for the differentiation of varieties of dermatophytes via pigment production.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
R2A Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S081.140
	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S13
		Contact Plate	10 plates/sleeve		Room Temp	21-40S308

R2A Agar is recommended for use in the enumeration of heterotrophic bacteria in drinking or tap water. This medium improves the recovery of stressed and chlorine tolerant bacteria from potable water sources.

Reinforced Clostridial Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	21-40S145
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Reinforced Clostridial Agar is used for cultivating and enumerating clostridia and other anaerobes from food and clinical specimens.

Sabouraud Dextrose Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S53
SDA	10 mL	Glass Tube	10 tubes/box	Slants	Room Temp	22-106
	10 mL	Glass Tube	10 tubes/box	w/5 µg/mL Chloramphenicol Slants	Refrigerate	22-112
	500 mL	Glass Bottle	1 each		Room Temp	26-720

Sabouraud Dextrose Agar is used for the cultivation of pathogenic and nonpathogenic fungi such as dermatophytes and can be more selective with the addition of antimicrobics.

Sabouraud Dextrose Broth	100 mL	Glass Bottle	1 each		Room Temp	26-679
SDB	100 mL	Glass Wide Mouth Jar	1 each		Room Temp	26-728

Sabouraud Dextrose Broth is used for culturing yeasts, molds and other aciduric microorganisms.



Tryptic Soy Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S54.141
TSA	75 mL	150 mm plate	10 plates/sleeve		Room Temp	21-40S110
	100 mL	150 mm plate	10 plates/sleeve	Double Pour	Room Temp	21-40S147
	30 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S259.140
	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-107.010H
	45 mL	Glass Tube	10 tubes/box		Room Temp	22-144.031H
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S002
		Contact Plate	10 plates/sleeve		Refrigerate	51-40S078

Also known as TSA or Trypticase Soy Agar, Tryptic Soy Agar is used for the isolation and cultivation of fastidious and nonfastidious microorganisms. This medium can be used for a wide variety of purposes including maintenance of stock cultures, plate counts and microorganism isolation of a range of specimens. It is also used for testing bacterial contaminants in cosmetics.

For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Tryptic Soy Broth	3 mL	Plastic Tube	10 tubes/box		Refrigerate	22-114
	20 mL	Glass Tube	10 tubes/box		Room Temp	22-125.020H
	25 mL	Glass Tube	10 tubes/box		Room Temp	22-126.025H
	10 mL	Glass Tube	10 tubes/box		Refrigerate	22-127.010H
	10 mL	Glass Tube	10 tubes/box	2 x Formulation	Room Temp	22-158.010H
	90 mL	Glass Bottle	1 each		Room Temp	26-531.038
	1000 mL	Plastic Bottle	1 each		Room Temp	26-531.052
	100 mL	Plastic Bottle	1 each		Room Temp	26-607

Also known as Trypticase or Soybean-Casein Digest, Tryptic Soy Broth is a general purpose medium for the cultivation of fastidious and nonfastidious microorganisms, including common aerobic, facultative and anaerobic bacteria and fungi.



For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48

Violet Red Bile Glucose Agar

VRBGA	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S56
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Violet Red Bile Glucose Agar (VRBGA) is used for the detection and enumeration of Enterobacteriaceae in foods and dairy products.

XLD Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S016
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Xylose Lysine Desoxycholate Agar (XLD) is a selective medium for the isolation and differentiation of enteric pathogens, particularly the more fastidious pathogens such as Shigella.



Sterility Testing

MOLTOX® offers a variety of prepared culture media for Sterility Testing applications. We also specialize in custom media preparation specifically tailored to your needs. If you do not see your product on our list, please contact us for more information.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Fluid Thioglycollate Medium	200 mL	Glass Bottle	1 each		Room Temp	26-606
	1000 mL	Plastic Bottle	1 each		Refrigerate	51-40S051
	10 mL	Glass Tube	10 tubes/box		Room Temp	22-133.010H

Fluid Thioglycollate Medium (FTM) contains a small amount of agar and several reducing agents which detect the presence of anaerobic bacteria in sterility testing. This medium is recommended by the FDA and in the USP for use in sterility confirmation. Strict aerobes tend to grow in a thin layer at the surface of the broth while obligate anaerobes will grow only in the portion of the broth below the upper oxidized layer.

Fluid D Peptone Water w/Tween 80

90 mL	Glass Wide Mouth Jar	1 each	2% Tween 80 & 0.3% Lecithin	Refrigerate	26-654
90 mL	Glass Wide Mouth Jar	1 each	0.5% Tween 80	Refrigerate	26-659
500 mL	Glass Wide Mouth Jar	1 each	0.5% Tween 80	Refrigerate	26-661
95 mL	Glass Wide Mouth Jar	1 each	2% Tween 80	Refrigerate	26-741

Fluid D is peptone water (Fluid A) with the addition of Tween 80. It is used for diluting or rinsing when performing sterility testing. Tween 80 acts as a surfactant which breaks down any residue present.

Tryptic Soy Agar

TSA w/Lecithin & Tween 80	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	21-40S100.140
		Contact Plate	10 plates/sleeve		Refrigerate	21-40S108.140
	100 mL	Glass Bottle	1 each	pH 7.3 ±0.2	Room Temp	26-739

Also known as TSA or Trypticase Soy Agar, Tryptic Soy Agar is used for the isolation and cultivation of fastidious and nonfastidious microorganisms. This medium can be used for a wide variety of purposes including maintenance of stock cultures, plate counts and microorganism isolation of a range of specimens. It is also used for testing bacterial contaminants in cosmetics. The addition of blood can be used for the visualization of hemolytic reactions produced by various bacterial species. The addition of Tween 80 and/or Lecithin is used for environmental monitoring as they inactivate disinfectant residue.

For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48

Tryptic Soy Broth	3 mL	Plastic Tube	10 tubes/box		Refrigerate	22-114
	20 mL	Glass Tube	10 tubes/box		Room Temp	22-125.020H
	25 mL	Glass Tube	10 tubes/box		Room Temp	22-126.025H
	10 mL	Glass Tube	10 tubes/box		Refrigerate	22-127.010H
	10 mL	Glass Tube	10 tubes/box	2 x Formulation	Room Temp	22-158.010H
	90 mL	Glass Bottle	1 each		Room Temp	26-531.038
	1000 mL	Plastic Bottle	1 each		Room Temp	26-531.052
	100 mL	Plastic Bottle	1 each		Room Temp	26-607

Also known as Trypticase or Soybean-Casein Digest, Tryptic Soy Broth is a general purpose medium used for the cultivation of fastidious and nonfastidious microorganisms, including common aerobic, facultative and anaerobic bacteria and fungi.



Veterinary Testing

MOLTOX® offers a wide array of prepared culture media used for Veterinary Testing applications including the detection, isolation, enumeration, differentiation and cultivation of various microorganisms. We also specialize in custom media preparation specifically tailored to your needs. If you do not see your product on our list, please contact us for more information.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Bismuth Sulfite Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate/Dark	51-40S007
Bismuth Sulfite Agar is a highly selective medium used for the isolation of <i>Salmonella</i> species, particularly <i>Salmonella typhi</i> in various types of samples including food, water and sewage. This product is not autoclaved in order to maintain its selective properties. This product is also light sensitive and must be protected from light.						
Brain Heart Infusion Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S62
	28 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S66
	25 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S209
Also known as BHI, Brain Heart Infusion Agar is a general purpose medium used for the cultivation of fastidious and nonfastidious microorganisms. This includes aerobic and anaerobic bacteria.						
Brilliant Green Agar	25 mL	100 mm plate	20 plates/sleeve	w/ Novobiocin	Refrigerate	21-40S45
	10 mL/sector	Bi Plate	10 plates/sleeve	Brilliant Green/ XLD Agar	Refrigerate	21-40S86
Brilliant Green Agar is a highly selective medium for the isolation of <i>Salmonella</i> other than <i>S. typhi</i> from materials such as feces. It is used in procedures for the examination of water and wastewater as well as for use in the performance of Microbial Limit Tests.						
Casein Agar	20 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S189
Used for identification of Actinomycetes.						
Cetrimide Agar	25 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S014
Also known as Pseudosel Agar, Cetrimide Agar is used as a selective isolation and identification media for <i>Pseudomonas aeruginosa</i> .						
Enterococcosel Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S83
Bile Esculin Azide Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S006
Also known as Bile Esculin Azide Agar, Enterococcosel Agar is used as a rapid selective medium for the detection and enumeration of enterococci.						
Eosin Methylene Blue Agar						
(EMB), Levine	20 mL	100 mm plate	20 plates/sleeve		Refrigerate/Dark	21-40S87
Eosin Methylene Blue Agar (EMB), Levine is a slightly selective and differential plating medium for the isolation of gram-negative bacteria.						
Fluid Thioglycollate Medium						
	200 mL	Glass Bottle	1 each		Room Temp	26-606
	1000 mL	Plastic Bottle	1 each		Refrigerate	51-40S051
	10 mL	Glass Tube	10 tubes/box		Room Temp	22-133.010H

Fluid Thioglycollate Medium (FTM) contains a small amount of agar and several reducing agents which detect the presence of anaerobic bacteria in sterility testing. This medium is recommended by the FDA and in the USP for use in sterility confirmation. Strict aerobes tend to grow in a thin layer at the surface of the broth while obligate anaerobes will grow only in the portion of the broth below the upper oxidized layer.



PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Hektoen Enteric Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate/Dark	51-40S008
Hektoen Enteric Agar is a fairly selective medium used for the isolation and cultivation of gram-negative enteric microorganisms, particularly <i>Shigella</i> .						
MacConkey Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S012.140
Used for the detection and isolation of gram-negative organisms and for isolating and differentiating lactose fermenting from lactose-nonfermenting enteric bacilli.						
MacConkey Agar II						
w/Sorbitol	20 mL	100 mm plate	10 plates/sleeve	Cefixime & Potassium Tellurite	Refrigerate	51-40S121
MacConkey II Agar w/ Sorbitol, Cefixime and Tellurite (SMAC-CT) is a selective and differential medium specifically designed to inhibit <i>Proteus mirabilis</i> , non-O157 <i>E. coli</i> strains and other sorbitol-nonfermenting strains						



Malt Extract Agar	20 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S60
Malt Extract Agar is most commonly used for the propagation of yeasts and molds. Other uses include isolation, cultivation and the enumeration of yeasts and molds.						
Mannitol Salt Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S010
	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S64.141
Mannitol Salt Agar is a selective isolation and an enumerating agar for <i>Staphylococcus</i> . It also aids in the differentiation of staphylococcal species.						
Middlebrook 7H10 Agar	8 mL/sector	Tri plate	20 plates/sleeve	w/OADC Enrich.	Refrigerate	21-40S234
	10 mL/sector	Bi plate	20 plates/sleeve	w/OADC Enrich.	Refrigerate	21-40S285
	20 mL	100 mm plate	20 plates/sleeve	w/OADC Enrich.	Refrigerate	21-40S67.141
	10 mL	Glass Tube	10 tubes/box	w/OADC Slant	Refrigerate	22-105
Middlebrook 7H10 is used for the cultivation and isolation of mycobacteria. An improvement over egg-based media which tend to have higher levels of contamination.						
Potato Dextrose Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S036
	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S52.141
		Contact Plate	10 plates/sleeve		Room Temp	51-40S131
	20 mL	Glass Tube	10 tubes/box		Room Temp	22-161
This medium is used for the cultivation and enumeration of yeasts and molds. Potato Dextrose Agar is also used for the maintenance of stock cultures of certain dermatophytes and for the differentiation of varieties of dermatophytes via pigment production.						
Pseudomonas Agar F	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	21-40S77
	10 mL/sector	Bi plate	10 plates/sleeve	Pseudomonas F/ Pseudomonas P	Refrigerate	21-40S79
Pseudomonas F (Flo) Agar enhances fluorescein production by <i>Pseudomonas</i> and therefore used for the differentiation of pseudomonads.						
Pseudomonas Agar P	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	21-40S75
	10 mL/sector	Bi plate	10 plates/sleeve	Pseudomonas P/ Pseudomonas F	Refrigerate	21-40S79
Pseudomonas P, or Tech Agar, enhances pyocyanin production by <i>Pseudomonas</i> and therefore used for the differentiation of pseudomonads.						

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Reinforced Clostridial Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	21-40S145
Reinforced Clostridial Agar is used for cultivating and enumerating clostridia and other anaerobes from food and clinical specimens.						
Reinforced Clostridial Medium	100 mL	Glass Bottle	1 each		Refrigerate	26-612
Reinforced Clostridial Medium is a semi-solid medium used for cultivating and enumerating clostridia and other anaerobes from foods and clinical specimens.						
Salmonella Shigella Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S011
Salmonella Shigella (SS) Agar is a differential and selective medium used for the isolation, cultivation and differentiation of gram-negative enteric bacilli from samples like feces, urine and foods.						
Sabouraud Dextrose Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S53
SDA	10 mL	Glass Tube	10 tubes/box	Slants	Room Temp	22-106
	10 mL	Glass Tube	10 tubes/box	w/5 µg/mL Chloramphenicol Slants	Refrigerate	22-112
	500 mL	Glass Bottle	1 each		Room Temp	26-720
Sabouraud Dextrose Agar is used for the cultivation of pathogenic and nonpathogenic fungi such as dermatophytes and can be more selective with the addition of antimicrobics.						
Sabouraud Dextrose Broth	100 mL	Glass Bottle	1 each		Room Temp	26-679
SDB	100 mL	Glass Wide Mouth Jar	1 each	pH 5.6 ±0.2	Room Temp	26-728
Sabouraud Dextrose Broth is used for culturing yeasts, molds and other aciduric microorganisms.						
Schaedler Agar	20 mL	100 mm plate	10 plates/sleeve	w/5% Sheep Blood	Refrigerate	21-40S328
Schaedler Agar is a base medium for the recovery of anaerobic microorganisms. The addition of 5% sheep blood is used for the selective isolation of the gram positive cocci.						
Tetrathionate Broth	1000 mL	Plastic Bottle	1 each	Not sterile. Without iodine-iodide solution.	Refrigerate	51-40S120
Tetrathionate Broth is a selective medium used for the isolation of Salmonella from various materials such as food, urine, feces, etc.						
Triple Sugar Iron Agar	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-109.010H
TSI	Also known as TSI, Triple Sugar Iron Agar is used for the differentiation of gram-negative enteric bacilli via carbohydrate fermentation and the production of hydrogen sulfide. Gas production and pH-dependent color change of the media indicates carbohydrate fermentation while hydrogen sulfide production is revealed via the formation of black precipitate.					



PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Tryptic Soy Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S54.141
TSA	75 mL	150 mm plate	10 plates/sleeve		Room Temp	21-40S110
	100 mL	150 mm plate	10 plates/sleeve	Double Pour	Room Temp	21-40S147
	30 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S259.140
	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-107.010H
	45 mL	Glass Tube	10 tubes/box		Room Temp	22-144.031H
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S002
		Contact Plate	10 plates/sleeve		Refrigerate	51-40S078

Also known as TSA or Trypticase Soy Agar, Tryptic Soy Agar is used for the isolation and cultivation of fastidious and nonfastidious microorganisms. This medium can be used for a wide variety of purposes including maintenance of stock cultures, plate counts and microorganism isolation of a range of specimens. It is also used for testing bacterial contaminants in cosmetics.

For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48

Tryptic Soy Broth	3 mL	Plastic Tube	10 tubes/box		Refrigerate	22-114
	20 mL	Glass Tube	10 tubes/box		Room Temp	22-125.020H
	25 mL	Glass Tube	10 tubes/box		Room Temp	22-126.025H
	10 mL	Glass Tube	10 tubes/box		Refrigerate	22-127.010H
	10 mL	Glass Tube	10 tubes/box	2 x Formulation	Room Temp	22-158.010H
	90 mL	Glass Bottle	1 each		Room Temp	26-531.038
	1000 mL	Plastic Bottle	1 each		Room Temp	26-531.052
	100 mL	Plastic Bottle	1 each		Room Temp	26-607

Also known as Trypticase or Soybean-Casein Digest, Tryptic Soy Broth is a general purpose medium for the cultivation of fastidious and nonfastidious microorganisms, including common aerobic, facultative and anaerobic bacteria and fungi.

Tryptose Phosphate Broth	100 mL	Glass Bottle	1 each		Room Temp	26-615
	500 mL	Glass Bottle	1 each		Room Temp	26-618

Tryptose Phosphate Broth is used for the cultivation of fastidious, pathogenic microorganisms.

XLD Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S016
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Xylose Lysine Desoxycholate Agar (XLD) is a selective medium for the isolation and differentiation of enteric pathogens, particularly the more fastidious pathogens such as Shigella.



Yeast Malt Agar

YM	20 mL	100 mm plate	20 plates/sleeve	Low pH	Room Temp	21-40S88
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Yeast Malt Agar, or Yeast Mold Agar, is used for the cultivation of yeasts, molds and other acidophilic microorganisms.

Water/Wastewater Testing

MOLTOX® offers a variety of prepared culture media for Water and Wastewater Testing applications. We also specialize in custom media preparation specifically tailored to your needs. If you do not see your product on our list, please contact us for more information.



PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Bismuth Sulfite Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate/Dark	51-40S007
Bismuth Sulfite Agar is a highly selective medium used for the isolation of <i>Salmonella</i> species, particularly <i>Salmonella typhi</i> in various types of samples including food, water and sewage. This product is not autoclaved in order to maintain its selective properties. This product is also light sensitive and must be protected from light.						
Brain Heart Infusion Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S62
	28 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S66
	25 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S209

Also known as BHI, Brain Heart Infusion Agar is a general purpose media used for the cultivation of fastidious and nonfastidious microorganisms. This includes aerobic and anaerobic bacteria.

Brilliant Green Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S015
	25 mL	100 mm plate	20 plates/sleeve	w/ Novobiocin	Refrigerate	21-40S45
	10 mL/sector	Bi Plate	10 plates/sleeve	Brilliant Green/ XLD Agar	Refrigerate	21-40S86
	8 mL/sector	Tri Plate	10 plates/sleeve	Bismuth Sulfite/ Brilliant Green & XLD agar	Refrigerate/Dark	21-40S73

Brilliant Green Agar is a highly selective medium for the isolation of *Salmonella* other than *S. typhimurium* from materials such as feces. It is used in procedures for the examination of water and wastewater as well as for use in the performance of Microbial Limit Tests.



Cetrimide Agar	25 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S014
Also known as Pseudosel Agar, Cetrimide Agar is used as a selective isolation and identification medium for <i>Pseudomonas aeruginosa</i> .						
Czapek Solution Agar	25 mL	150 mm plate	10 plates/sleeve		Refrigerate	21-40S133
Czapek Solution Agar is a selective medium used for cultivating fungi and bacteria which can use inorganic nitrogen to grow. It is particularly recommended for the isolation of <i>Aspergillus</i> , <i>Penicillium</i> , <i>Paecilomyces</i> and other related fungi.						

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STRAGE	PART #
m EI Agar	10-12 mL	60 mm plate	10 plates/sleeve		Refrigerate/Dark	21-40S203
	10-12 mL	60 mm plate	20 plates/sleeve		Refrigerate/Dark	21-40S316

m EI Agar is a selective, chromogenic culture medium used for the detection and enumeration of enterococci in water via one-step membrane filtration technique.

m Endo Agar, LES	20 mL	100 mm plate	10 plates/sleeve		Refrigerate/Dark	21-40S80
	8 mL	50 mm plate	10 plates/sleeve		Refrigerate/Dark	21-40S204

m Endo Agar LES is used for enumerating coliforms in water by membrane filtration technique.

Enterococcosel Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S83
Bile Esculin Azide Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S006

Also known as Bile Esculin Azide Agar, Enterococcosel Agar is used as a rapid selective medium for the detection and enumeration of enterococci.

m Enterococcus Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate/Dark	51-40S009
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m Enterococcus Agar, also known as m Azide Agar, is used for the isolation and enumeration of enterococci in water via membrane filtration or plate pouring technique.

Eosin Methylene Blue Agar (EMB), Levine	20 mL	100 mm plate	20 plates/sleeve		Refrigerate/Dark	21-40S87
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Eosin Methylene Blue Agar (EMB), Levine, is a slightly selective and differential plating medium for the isolation of gram-negative bacteria.

m FC Agar	10-12 mL	55 mm plate	10 plates/sleeve		Refrigerate	21-40S206.140
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m FC Agar is used with Rosolic Acid to cultivate and enumerate fecal coliforms by membrane filtration at elevated temperatures.



m FC Broth	10.5 mL	Amber Vial	10 vials/box		Refrigerate	26-635.057
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m FC Broth is used with Rosolic Acid to cultivate and enumerate fecal coliforms via membrane filtration technique at elevated temperatures.

MacConkey Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S012.140
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MacConkey Agar is used for the detection and isolation of gram-negative organisms and for isolating and differentiating lactose fermenting from lactose-nonfermenting enteric bacilli.

MacConkey II Agar w/ Sorbitol	20 mL	100 mm plate	10 plates/sleeve	w/ Cefixime & Potassium Tellurite	Refrigerate	51-40S121
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MacConkey II Agar w/ Sorbitol, Cefixime and Tellurite (SMAC-CT) is a selective and differential medium specifically designed to inhibit *Proteus mirabilis*, non-O157 *E. coli* strains and other sorbitol-nonfermenting strains.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Nutrient Agar	30 mL	100 mm plate	20 plates/sleeve	Oxoid #2	Room Temp	21-100
	30 mL	100 mm plate	10 plates/sleeve	Oxoid #2	Room Temp	21-100.1
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S76
	7 mL	Glass Tube	10 tubes/box	Slant	Refrigerate	22-132.007H
	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S031

Nutrient Agar is a general purpose medium for the cultivation and maintenance of nonfastidious organisms. It can be used for the cultivation and enumeration of organisms in water, sewage, feces and other materials. Nutrient agars prepared with Oxoid Nutrient Broth # 2, specified by Maron & Ames, Mutat. Res. 113: 173, 1983, are used for general growth and CFU determinations of Ames *S. typhimurium* and *E. coli* WP2 strains.

For Full Selection of Nutrient Agar and Broth, See page 45

Plate Count Agar	25 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S46.141
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S091
	400 mL	Glass Bottle	1 each		Room Temp	26-521

Plate Count Agar, or Standard Methods Agar, is used for the enumeration of bacteria in a variety of samples including dairy products, food, water and other materials.

RZA Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S081.140
	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S13
		Contact Plate	10 plates/sleeve		Room Temp	21-40S308

RZA Agar is recommended for use in the enumeration of heterotrophic bacteria in drinking or tap water. This medium improves the recovery of stressed and chlorine tolerant bacteria from potable water sources.

Rose Bengal Agar	20 mL	100 mm plate	20 plates/sleeve	w/Chloramphenicol Refrigerate/Dark		21-40S63
		Contact Plate	10 plates/sleeve	w/Chloramphenicol Refrigerate/Dark		21-40S68

Rose Bengal Agar is used in conjunction with chloramphenicol for isolating and enumerating yeasts and molds from food and water samples.



Tetrathionate Broth	1000 mL	Plastic Bottle	1 each	Not sterile. Without iodine-iodide solution.	Refrigerate	51-40S120
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Tetrathionate Broth is a selective medium used for the isolation of Salmonella from various materials such as food, urine, feces, etc.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Triple Sugar Iron Agar	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-109.010H

TSI

Also known as TSI, Triple Sugar Iron Agar is used for the differentiation of gram-negative enteric bacilli via carbohydrate fermentation and the production of hydrogen sulfide. Gas production and pH-dependent color change of the media indicates carbohydrate fermentation while hydrogen sulfide production is revealed via the formation of black precipitate.



Tryptic Soy Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S54.141
TSA	75 mL	150 mm plate	10 plates/sleeve		Room Temp	21-40S110
	100 mL	150 mm plate	10 plates/sleeve	Double Pour	Room Temp	21-40S147
	30 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S259.140
	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-107.010H
	45 mL	Glass Tube	10 tubes/box		Room Temp	22-144.031H
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S002
		Contact Plate	10 plates/sleeve		Refrigerate	51-40S078

Also known as TSA or Trypticase Soy Agar, Tryptic Soy Agar is used for the isolation and cultivation of fastidious and nonfastidious microorganisms. This medium can be used for a wide variety of purposes including maintenance of stock cultures, plate counts and microorganism isolation of a range of specimens. It is also used for testing bacterial contaminants in cosmetics.

For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48

Tryptic Soy Broth	3 mL	Plastic Tube	10 tubes/box		Refrigerate	22-114
	20 mL	Glass Tube	10 tubes/box		Room Temp	22-125.020H
	25 mL	Glass Tube	10 tubes/box		Room Temp	22-126.025H
	10 mL	Glass Tube	10 tubes/box		Refrigerate	22-127.010H
	10 mL	Glass Tube	10 tubes/box	2 x Formulation	Room Temp	22-158.010H
	90 mL	Glass Bottle	1 each		Room Temp	26-531.038
	1000 mL	Plastic Bottle	1 each		Room Temp	26-531.052
	100 mL	Plastic Bottle	1 each		Room Temp	26-607

Also known as Trypticase or Soybean-Casein Digest, Tryptic Soy Broth is a general purpose medium used for the cultivation of fastidious and nonfastidious microorganisms, including common aerobic, facultative and anaerobic bacteria and fungi.

TTC Solution	100 mL	Plastic Bottle	1 each	0.1%	Refrigerate	26-729
	100 mL	Plastic Bottle	1 each	0.15%	Refrigerate	26-730

For use in media for the detection of microbial growth via TTC reduction. Reduction of TTC results in the formation of red colonies; reduction by E. coli results in blue colonies.



XLD Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S016
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Xylose Lysine Desoxycholate Agar (XLD) is a selective medium for the isolation and differentiation of enteric pathogens, particularly the more fastidious pathogens such as Shigella.

LB (Luria-Bertani) Agar & Broth

LB Agar, Lennox L, also referred to as Luria-Bertani Agar, is a widely used medium in molecular biology applications for maintaining and cultivating recombinant strains of *E. coli*. LB Agar, Lennox contains half the amount of sodium chloride as that of the Miller formulation. MOLTOX® offers a wide variety of LB Agar, Lennox plates with the addition of several different types and concentrations of antibiotics to provide a more selective medium for recombinant cells with a specific antibiotic resistance.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
LB Agar, Lennox	20 mL	100 mm plate	10 plates/sleeve	w/12.5 µg/mL Chloramphenicol	Refrigerate	21-40S115
	20 mL	100 mm plate	10 plates/sleeve	w/25 µg/mL Kanamycin	Refrigerate	21-40S116.140
	20 mL	100 mm plate	10 plates/sleeve	w/25 µg/mL Kanamycin & 12.5 µg/mL Chloramphenicol	Refrigerate	21-40S117
	20 mL	100 mm plate	10 plates/sleeve	w/25 µg/mL Spectinomycin	Refrigerate	21-40S119.140
	20 mL	100 mm plate	10 plates/sleeve	w/12.5 µg/mL Zeocin & 100 µg/mL Ampicillin	Refrigerate	21-40S121.140
	20 mL	100 mm plate	10 plates/sleeve	w/12.5 µg/mL Zeocin & 25 µg/mL Kanamycin	Refrigerate	21-40S122
	20 mL	100 mm plate	10 plates/sleeve	w/12.5 µg/mL Zeocin	Refrigerate	21-40S123.140
	20 mL	100 mm plate	10 plates/sleeve	w/100 µg/mL Carbenicillin	Refrigerate	21-40S124
	20 mL	100 mm plate	10 plates/sleeve	w/100 µg/mL Ampicillin	Refrigerate	21-40S130
	20 mL	100 mm plate	10 plates/sleeve	w/100 µg/mL Ampicillin & 25 µg/mL Kanamycin	Refrigerate	21-40S134
	20 mL	100 mm plate	10 plates/sleeve	w/75 µg/mL Hygromycin & 12.5 µg/mL Chloramphenicol	Refrigerate	21-40S136
	20 mL	100 mm plate	10 plates/sleeve	w/Glycerol	Room Temp	21-40S143
	20 mL	100 mm plate	10 plates/sleeve	w/100 µg/mL Ampicillin & 12.5 µg/mL Chloramphenicol	Refrigerate	21-40S150
	20 mL	100 mm plate	10 plates/sleeve	w/100 µg/mL Hygromycin	Refrigerate	21-40S152
	20 mL	100 mm plate	10 plates/sleeve	w/100 µg/mL Carbenicillin & 12.5 µg/mL Chloramphenicol	Refrigerate	21-40S175
	20 mL	100 mm plate	10 plates/sleeve	w/25 µg/mL Spectinomycin & 75 µg/mL Hygromycin	Refrigerate	21-40S226

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
LB Agar, Lennox	20 mL	100 mm plate	10 plates/sleeve	w/25 µg/mL Spectinomycin & 12.5 µg/mL Chloramphenicol	Refrigerate	21-40S227.140
	20 mL	100 mm plate	10 plates/sleeve	w/25 µg/mL Spectinomycin & 25 µg/mL Kanamycin	Refrigerate	21-40S228.140
	20 mL	100 mm plate	10 plates/sleeve	w/75 µg/mL Hygromycin & 25 µg/mL Kanamycin	Refrigerate	21-40S229
	20 mL	100 mm plate	10 plates/sleeve	w/100 µg/mL Ampicillin & 75 µg/mL Hygromycin	Refrigerate	21-40S230
	20 mL	100 mm plate	10 plates/sleeve	w/100 µg/mL Ampicillin & 25 µg/mL Spectinomycin	Refrigerate	21-40S231.140
	20 mL	100 mm plate	10 plates/sleeve	w/50 µg/mL Hygromycin	Refrigerate	21-40S317
	20 mL	100 mm plate	10 plates/sleeve	w/10 µg/mL Tetracycline	Refrigerate	21-40S318
	20 mL	100 mm plate	10 plates/sleeve	w/100 µg/mL Ampicillin & 1% Lactose	Refrigerate	21-40S329
	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S075
	20 mL	100 mm plate	10 plates/sleeve	w/40 µg/mL Spectinomycin	Refrigerate	51-40S088
	20 mL	100 mm plate	10 plates/sleeve	w/40 µg/mL Kanamycin	Refrigerate	51-40S114
	20 mL	100 mm plate	10 plates/sleeve	w/5 µg/mL Tetracycline	Refrigerate	51-40S116
	20 mL	100 mm plate	10 plates/sleeve	w/20 µg/mL Tetracycline	Refrigerate	51-40S117
	20 mL	100 mm plate	10 plates/sleeve	w/20 µg/mL Chloramphenicol	Refrigerate	51-40S133

LB Agar, Lennox L, also referred to as Luria-Bertani Agar, is a widely used medium in molecular biology applications for maintaining and cultivating recombinant strains of *E. coli*. LB Agar, Lennox contains half the amount of sodium chloride as that of the Miller formulation. MOLTOX[®] offers a wide variety of LB Agar, Lennox plates with the addition of several different types and concentrations of antibiotics to provide a more selective medium for recombinant cells with a specific antibiotic resistance.

LB Agar, Miller, also referred to as Luria-Bertani Agar, is a widely used medium in molecular biology applications for maintaining and propagating *E. coli*. LB Agar, Miller contains twice the amount of sodium chloride as that of the Lennox formulation. MOLTOX[®] offers a wide variety of LB Agar, Miller plates with the addition of several different types and concentrations of antibiotics to provide a more selective medium for recombinant cells with a specific antibiotic resistance.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
LB Agar, Miller	20 mL	100 mm plate	10 plates/sleeve	w/100 µg/mL Ampicillin	Refrigerate	21-40S96
	20 mL	100 mm plate	10 plates/sleeve	w/50 µg/mL Kanamycin	Refrigerate	21-40S97.140
	30 mL	100 mm plate	10 plates/sleeve	w/100 µg/mL Carbenicillin	Refrigerate	21-40S98.140
	30 mL	100 mm plate	10 plates/sleeve	w/100 µg/mL Ampicillin, 119 µg/mL IPTG & 80 µg/mL X-Gal	Refrigerate	21-40S99.140
	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	21-40S102
	30 mL	100 mm plate	10 plates/sleeve	w/100 µg/mL Ampicillin	Refrigerate	21-40S194
	20 mL	100 mm plate	10 plates/sleeve	w/5 µg/mL Tetracycline	Refrigerate	
	20 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S30
	20 mL	100 mm plate	20 plates/sleeve	w/25 µg/mL Kanamycin	Refrigerate	21-40S31
	LB Broth, Miller	1000 mL	Plastic Bottle	1 each	Miller Formulation	Room Temp

LB Broth Miller, also referred to as Luria-Bertani Broth, is a widely used medium in molecular biology applications for maintaining and propagating *E. coli*. LB Broth, Miller contains twice the amount of sodium chloride as that of the Lennox formulation.



Nutrient Agar & Broth

Nutrient Agar is a general purpose medium for the cultivation and maintenance of nonfastidious organisms. It can be used for the cultivation and enumeration of organisms in water, sewage, feces and other materials. Nutrient agars prepared with VBE and Oxoid Nutrient Broth No. 2, specified by Maron & Ames, Mutat. Res. 113: 173, 1983, are used for general growth and CFU determinations of Ames *S. typhimurium* and *E. coli* WP2 strains in the Ames assay.

Nutrient Broth is used for the cultivation of various nonfastidious microorganisms. The formulations which include Oxoid Nutrient Broth No. 2 are primarily used in the Ames assay as specified by Maron & Ames, Mutat. Res. 113: 173, 1983 for culture of *S. typhimurium* and *E. coli* WP2.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Nutrient Agar	30 mL	100 mm plate	20 plates/sleeve	Oxoid #2	Room Temp	21-100
	30 mL	100 mm plate	10 plates/sleeve	Oxoid #2	Room Temp	21-100.1
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S76
	5 mL/well	6 well plate	2 plates/sleeve	Oxoid #2 w/VBE	Room Temp	21-40S304
	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S031
	12 mL	Glass Tube	10 tubes/box	1/2 Strength		
				Slants	Room Temp	22-122.012
	7 mL	Glass Tube	10 tubes/box	Slant	Refrigerate	22-132.007H

Nutrient Agar is a general purpose medium for the cultivation and maintenance of nonfastidious organisms. It can be used for the cultivation and enumeration of organisms in water, sewage, feces and other materials. Nutrient agars prepared with Oxoid Nutrient Broth # 2, specified by Maron & Ames, Mutat. Res. 113: 173, 1983, are used for general growth and CFU determinations of Ames *S. typhimurium* and *E. coli* WP2 strains.



Nutrient Broth	9 mL	Glass Tube	10 tubes/box		Room Temp	22-121
	25 mL	Plastic Bottle	1 each	Oxoid #2	Room Temp	26-505.025
	50 mL	Plastic Bottle	1 each	Oxoid #2	Room Temp	26-505.05
	100 mL	Glass Bottle	1 each	Oxoid #2	Room Temp	26-505.1
	300 mL	Glass Bottle	1 each	Oxoid #2	Room Temp	26-505.3
	500 mL	Glass Bottle	1 each	Oxoid #2	Room Temp	26-505.5
	300 mL	Glass Bottle	1 each	Oxoid #2 w/ VBE	Room Temp	26-555.3
	500 mL	Glass Bottle	1 each	Oxoid #2 w/ VBE	Room Temp	26-555.5

Nutrient Broth is used for the cultivation of various nonfastidious microorganisms. The formulations which include Oxoid Nutrient Broth # 2 are primarily used in the Ames assay as specified by Maron & Ames, Mutat. Res. 113: 173, 1983 for culture of *S. typhimurium* and *E. coli* WP2.

Trypticase Soy Agar & Broth

Also known as TSA or Trypticase Soy Agar, Tryptic Soy Agar is used for the isolation and cultivation of fastidious and nonfastidious microorganisms. This medium can be used for a wide variety of purposes including maintenance of stock cultures, plate counts and microorganism isolation of a range of specimens. It is also used for testing bacterial contaminants in cosmetics. The addition of blood can be used for the visualization of hemolytic reactions produced by various bacterial species. The addition of Tween 80 (Polysorbate 80) and/or Lecithin is used for environmental monitoring as they inactivate disinfectant residue.

Also known as Trypticase or Soybean-Casein Digest, Tryptic Soy Broth is a general purpose medium for the cultivation of fastidious and nonfastidious microorganisms, including common aerobic, facultative and anaerobic bacteria and fungi.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Tryptic Soy Agar						
TSA	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S54.141
	20 mL	100 mm plate	20 plates/sleeve	5% Sheep Blood	Refrigerate	21-40S61
	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	21-40S100.140
	30 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S259.140
	20 mL	100 mm plate	10 plates/sleeve	w/0.58 µg/mL Kanamycin	Refrigerate	21-40S298
	20 mL	100 mm plate	10 plates/sleeve	w/Penicillinase	Room Temp	21-40S301
	20 mL	100 mm plate	10 plates/sleeve	5% Sheep Blood & 6 µg/mL Tetracycline	Refrigerate	21-40S325
	20 mL	100 mm plate	10 plates/sleeve	5% Sheep Blood & 6 µg/mL Erythromycin	Refrigerate	21-40S326
	20 mL	100 mm plate	10 plates/sleeve	5% Sheep Blood & 6 µg/mL Rifampicin	Refrigerate	21-40S327
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S002
	20 mL	100 mm plate	10 plates/sleeve	5% Sheep Blood	Refrigerate	51-40S003
	75 mL	150 mm plate	10 plates/sleeve		Refrigerate	21-40S110
	100 mL	150 mm plate	10 plates/sleeve	Double Pour	Room Temp	21-40S147
	75 mL	150 mm plate	10 plates/sleeve	w/Penicillinase	Room Temp	21-40S289
		Contact Plate	10 plates/sleeve		Refrigerate	51-40S078
		Contact Plate	10 plates/sleeve	w/ Lecithin & Tween 80	Refrigerate	21-40S108.140
	100 mL	Glass Bottle	1 each	0.5% Tween 80	Room Temp	26-662
	100 mL	Glass Bottle	1 each	2% Tween 80 & 0.1% Thymidine; pH 7.2 ±0.2	Room Temp	26-665
	100 mL	Glass Bottle	1 each	0.1% Thymidine; pH 7.3 ±0.2	Refrigerate	26-725
	100 mL	Glass Bottle	1 each	w/Lecithin & Tween 80; pH 7.3 ±0.2	Room Temp	26-739

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Tryptic Soy Agar						
TSA	10 mL	Glass Tube	10 tubes/box	w/ Nalidixic Acid & Novobiocin	Refrigerate	22-100
	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-107.010H
	10 mL	Glass Tube	10 tubes/box	5% Sheep Blood	Refrigerate	22-110
	45 mL	Glass Tube	10 tubes/box		Room Temp	22-144.031H

Also known as TSA or Trypticase Soy Agar, Tryptic Soy Agar is used for the isolation and cultivation of fastidious and nonfastidious microorganisms. This medium can be used for a wide variety of purposes including maintenance of stock cultures, plate counts and microorganism isolation of a range of specimens. It is also used for testing bacterial contaminants in cosmetics.

Tryptic Soy Agar						
(TSA) II						
	75 mL	150 mm	10 plates/sleeve	5% Sheep Blood	Refrigerate	21-40S290
		Contact Plate	10 plates/sleeve	w/ Sheep Blood & Polymixin B	Refrigerate	21-40S291

Tryptic Soy Agar, Modified (TSA II) is specifically formulated for the addition of animal blood. It is used for the recovery and cultivation of fastidious microorganisms and for determining hemolytic reactions of bacteria. Different animal blood additions provide different hemolytic reactions, depending on the bacterium species.

Tryptic Soy Broth	90 mL	Glass Bottle	1 each		Room Temp	26-531.038
	1000 mL	Plastic Bottle	1 each		Room Temp	26-531.052
	90 mL	Wide Mouth Glass Jar	1 each	w/ 0.5% Lecithin & 4% Tween 20	Room Temp	26-548.038
	100 mL	Plastic Bottle	1 each		Room Temp	26-607
	500 mL	Plastic Bottle	1 each	w/ 0.5% Fetal Bovine Serum	Refrigerate	26-734
	500 mL	Wide Mouth Glass Jar	1 each	w/ 1% Tween 80 & 0.1% Thymidine; pH 7.3 ±0.2	Refrigerate	26-724.5
	100 mL	Plastic Bottle	1 each	6% Tween 80	Room Temp	26-706.039
	990 mL	Plastic Bottle	1 each	6% Tween 80	Room Temp	26-706.146
	90 mL	Wide Mouth Glass Jar	1 each	w/ 0.5% Lecithin & 4% Tween 80	Refrigerate	26-625
	90 mL	Wide Mouth Glass Jar	1 each	w/ 0.5% Tween 80 pH 7.3 ±0.2	Room Temp	26-656
	90 mL	Wide Mouth Glass Jar	1 each	w/ 2% Tween 80 pH 7.3 ±0.2	Refrigerate	26-657
	90 mL	Wide Mouth Glass Jar	1 each	w/ 2% Tween 80 & 0.1% Thymidine; pH 7.3 ±0.2	Refrigerate	26-658
	500 mL	Wide Mouth Glass Jar	1 each	w/ 2% Tween 80 & 0.1% Thymidine; pH 7.3 ±0.2	Refrigerate	26-658.5
	490 mL	Plastic Bottle	1 each	2% Tween 80	Room Temp	26-677
	100 mL	Plastic Bottle	1 each	2% Tween 80	Room Temp	26-678

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Tryptic Soy Broth	90 mL	Wide Mouth Glass Jar	1 each	0.5% Lecithin & 4% Tween 80; pH 7.2 ±0.2	Refrigerate	26-685
	500 mL	Wide Mouth Glass Jar	1 each	0.5% Lecithin & 4% Tween 80; pH 7.2 ±0.2	Refrigerate	26-685.5
	100 mL	Glass Bottle	1 each	w/ 0.3% Lecithin & 7% Tween 80	Refrigerate	26-705.1
	490 mL	Plastic Bottle	1 each	w/ 0.3% Lecithin & 7% Tween 80	Refrigerate	26-705.145
	300 mL	Glass Bottle	1 each	w/ 0.3% Lecithin & 7% Tween 80	Refrigerate	26-705.3
	3 mL	Plastic Tube	10 tubes/box		Refrigerate	22-114
	20 mL	Glass Tube	10 tubes/box		Room Temp	22-125.020H
	25 mL	Glass Tube	10 tubes/box		Room Temp	22-126.025H
	10 mL	Glass Tube	10 tubes/box		Refrigerate	22-127.010H
	10 mL	Glass Tube	10 tubes/box	2 x Formulation	Room Temp	22-158.010H

Also known as Trypticase or Soybean-Casein Digest, Tryptic Soy Broth is a general purpose medium for the cultivation of fastidious and nonfastidious microorganisms, including common aerobic, facultative and anaerobic bacteria and fungi.



Phosphate Buffer

MOLTOX® offers a wide variety of Phosphate Buffers for use in the laboratory. Custom buffers available for manufacture.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Phosphate Buffer	500 mL	Plastic Bottle	1 each	2.0 M Sodium Phosphate pH 7.4	Room Temp	26-516
	90 mL	Glass Wide Mouth Jar	1 each	50 mM Potassium Phosphate, 0.5% Lecithin & 4.0% Tween 20, pH 7.2 ± 0.1	Room Temp	26-552
	50 mL	Plastic Bottle	1 each	1 M Sodium Phosphate pH 7.4	Room Temp	26-588
	1000 mL	Plastic Bottle	1 each	Phosphate Buffer Butterfields pH 7.2 ± 0.2	Room Temp	26-622
	50ml	Glass Bottle	1 each	1 M Sodium Potassium Phosphate pH 7.4	Room Temp	26-641
	500 mL	Plastic Bottle	1 each	Potassium Phosphate 200 mM pH 7.4	Room Temp	26-676
	500 mL	Plastic Bottle	Case Quantities Only	pH 7.2 ± 0.1	Room Temp	26-750

For dilution of test samples. Standardizes and helps maintains correct pH under test conditions.



Saline Solution

MOLTOX® offers a wide variety of Saline Solutions in a multitude of sizes and configurations. Use for washing cell suspensions or wherever cell integrity maintenance is a must.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Saline Solution	9 mL	Tube	10/box	0.85% Sterile Saline Solution	Room Temp	22-108.009
	20 mL	Tube	10/box	0.9% Sterile Saline Solution	Room Temp	22-143.020
	250 mL	Plastic Bottle	1 each	PBS w/o Ca or Mg pH 7.4 ± 0.2	Room Temp	26-674
	500 mL	Plastic Bottle	1 each	PBS w/o Ca or Mg pH 7.4 ± 0.2	Room Temp	26-674.5
	9 mL	Tube	10/box	0.9% Sterile Saline Solution	Room Temp	51-40S029
	1000 mL	Plastic Bottle	1 each	0.9% Sterile Saline Solution	Room Temp	51-40S022.052

Diluent used to prepare microbial suspensions. Isotonic formulation assists in maintaining cell viability and integrity.

Actinomycetes

Nocardia · *Streptomyces* · *Rhodococcus* - This genus of Actinobacteria are gram-positive, omnipresent, aerobic organisms that dwell in the soil and in the microbial flora of animals, including humans.



PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Blood Agar	20 mL	100 mm plate	10 plates/sleeve	w/5% Sheep Blood	Refrigerate	51-40S005
	20 mL	100 mm plate	10 plates/sleeve	w/5% Horse Blood	Refrigerate	51-40S105
Used for the isolation of Actinomycetes.						
Brain Heart Infusion Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S62
	28 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S66
	25 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S209
Used for maintenance of Actinomycetes.						
Bushnell-Haas Medium	20 mL	100 mm plate	10 plates/sleeve	w/1% Noble Agar	Room Temp	21-40S172
Used for the cultivation of Actinomycetes.						
Casein Agar	20 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S189
Used for identification of Actinomycetes.						
Half Strength Nutrient Agar	20 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S95
Half Strength Nutrient Agar is commonly used for the identification and enumeration of total bacteria and Actinomycetes, whereas the low nutrient content reduces the overgrowth of unwanted microorganisms for optimal enumeration of the species of interest.						
Hypoxanthine Agar	20 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S190
Used for identification of Actinomycetes.						
Middlebrook 7H10 Agar	8 mL/sector	Tri plate	20 plates/sleeve	w/OADC Enrich.	Refrigerate	21-40S234
	10 mL/sector	Bi plate	20 plates/sleeve	w/OADC Enrich.	Refrigerate	21-40S285
	20 mL	100 mm plate	20 plates/sleeve	w/OADC Enrich.	Refrigerate	21-40S67.141
	10 mL	Glass Tube	10 tubes/box	w/OADC Slant	Refrigerate	22-105
Used for the isolation of Actinomycetes.						
Sabouraud Dextrose Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S53
SDA	10 mL	Glass Tube	10 tubes/box	Slants	Room Temp	22-106
	10 mL	Glass Tube	10 tubes/box	w/5 µg/mL Chloramphenicol Slants	Refrigerate	22-112
	500 mL	Glass Bottle	1 each		Room Temp	26-720

Sabouraud Dextrose Agar is used for the cultivation of pathogenic and nonpathogenic fungi such as dermatophytes and can be more selective with the addition of antimicrobics.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Tryptic Soy Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S54.141
TSA	75 mL	150 mm plate	10 plates/sleeve		Room Temp	21-40S110
	100 mL	150 mm plate	10 plates/sleeve	Double Pour	Room Temp	21-40S147
	30 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S259.140
	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-107.010H
	45 mL	Glass Tube	10 tubes/box		Room Temp	22-144.031H
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S002
		Contact Plate	10 plates/sleeve		Refrigerate	51-40S078

Used for the isolation, cultivation and maintenance of Actinomycetes.

For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48

Tyrosine Agar	20 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S191
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Used for identification of Actinomycetes.

Anaerobes (exclusive of clostridia)

Actinomyce · Bacteroides · Bifidobacterium · Eubacterium · Fusobacterium · Lactobacillus · Peptostreptococcus · Porphyromonas · Prevotella · Proprionibacterium · Veillonella - Anaerobic organisms do not require oxygen for growth and in fact some anaerobes may even become stressed and/or die if in the presence of oxygen.



CDC Anaerobe Blood Agar	75 mL	150 mm plate	10 plates/sleeve		Refrigerate/Dark	21-40S309
		Contact Plate	10 plates/sleeve	w/Penase	Refrigerate/Dark	21-40S310
	32 mL	100 mm plate	10 plates/sleeve		Refrigerate/Dark	21-40S311

Used for the isolation and cultivation of anaerobes, exclusive of Clostridia.

Fluid Thioglycollate Medium	200 mL	Glass Bottle	1 each		Room Temp	26-606
	1000 mL	Plastic Bottle	1 each		Refrigerate	51-40S051
	10 mL	Glass Tube	10 tubes/box		Room Temp	22-133.010H

Used for the isolation, cultivation and identification of anaerobes, exclusive of Clostridia.

Schaedler Agar	20 mL	100 mm plate	10 plates/sleeve	w/5% Sheep Blood	Refrigerate	21-40S328
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Used for the isolation of anaerobes, exclusive of Clostridia.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURE	STORAGE	PART #
Tryptic Soy Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S54.141
TSA	75 mL	150 mm plate	10 plates/sleeve		Room Temp	21-40S110
	100 mL	150 mm plate	10 plates/sleeve	Double Pour	Room Temp	21-40S147
	30 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S259.140
	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-107.010H
	45 mL	Glass Tube	10 tubes/box		Room Temp	22-144.031H
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S002
		Contact Plate	10 plates/sleeve		Refrigerate	51-40S078

Used for the isolation and cultivation of anaerobes, exclusive of Clostridia.

For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48

Bordetella

Bordetella is a genus of small, rod-shaped gram-negative coccobacilli. They are aerobic and fastidious and may be found in pairs or in singularity. Bordetella is an airborne disease and is highly infectious.



Blood Agar	20 mL	100 mm plate	10 plates/sleeve	w/5% Sheep Blood	Refrigerate	51-40S005
	20 mL	100 mm plate	10 plates/sleeve	w/5% Horse Blood	Refrigerate	51-40S105

Used for the identification of Bordetella.

Heart Infusion Agar	20 mL	100 mm plate	10 plates/sleeve	w/Congo Red & D-galactose	Refrigerate	21-40S142
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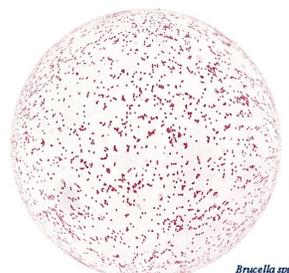
Used for the identification of Bordetella.

MacConkey Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S012.140
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Used for the identification of Bordetella.

Brucella

Brucella is a genus of small, gram-negative bacteria coccobacilli. They are nonmotile but very resilient and can withstand extreme temperatures, pH and humidity.



PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Tryptic Soy Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S54.141
TSA	75 mL	150 mm plate	10 plates/sleeve		Room Temp	21-40S110
	100 mL	150 mm plate	10 plates/sleeve	Double Pour	Room Temp	21-40S147
	30 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S259.140
	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-107.010H
	45 mL	Glass Tube	10 tubes/box		Room Temp	22-144.031H
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S002
		Contact Plate	10 plates/sleeve		Refrigerate	51-40S078

Used in the isolation and cultivation of Brucella.

For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48

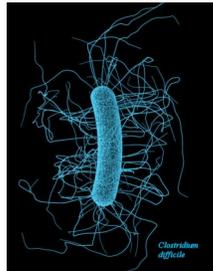
Nutrient Agar	30 mL	100 mm plate	20 plates/sleeve	Oxoid #2	Room Temp	21-100
	30 mL	100 mm plate	10 plates/sleeve	Oxoid #2	Room Temp	21-100.1
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S76
	7 mL	Glass Tube	10 tubes/box	Slant	Refrigerate	22-132.007H
	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S031

Used for the maintenance of Brucella.

For Full Selection of Nutrient Agar and Broth, See page 45

Clostridium

Clostridium is a genus of anaerobic, gram-positive bacteria which are ubiquitous and inhabits soil and marine sediment as well as the intestinal tract of animals and humans.



CDC Anaerobe Blood Agar	75 mL	150 mm plate	10 plates/sleeve		Refrigerate/Dark	21-40S309
		Contact Plate	10 plates/sleeve	w/Penase	Refrigerate/Dark	21-40S310
	32 mL	100 mm plate	10 plates/sleeve		Refrigerate/Dark	21-40S311

Used for the isolation and cultivation of Clostridium.

CP Chromo Select Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	21-40S305
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CP Chromo Select Agar is a chromogenic media used for the detection, enumeration and differentiation of Clostridium perfringens, primarily through membrane filtration.

Reinforced Clostridial Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	21-40S145
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Used for the isolation and cultivation of Clostridium.

Reinforced Clostridial Broth	100 mL	Glass Bottle	1 each		Refrigerate	26-612
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Used for the isolation and cultivation of Clostridium.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Schaedler Agar	20 mL	100 mm plate	10 plates/sleeve	w/5% Sheep Blood	Refrigerate	21-40S328
Used for the isolation and cultivation of Clostridium.						

Fluid Thioglycollate Medium	200 mL	Glass Bottle	1 each		Room Temp	26-606
	1000 mL	Plastic Bottle	1 each		Refrigerate	51-40S051
	10 mL	Glass Tube	10 tubes/box		Room Temp	22-133.010H

Used for the isolation, cultivation and identification of Clostridium.

Tryptic Soy Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S54.141
TSA	75 mL	150 mm plate	10 plates/sleeve		Room Temp	21-40S110
	100 mL	150 mm plate	10 plates/sleeve	Double Pour	Room Temp	21-40S147
	30 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S259.140
	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-107.010H
	45 mL	Glass Tube	10 tubes/box		Room Temp	22-144.031H
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S002
		Contact Plate	10 plates/sleeve		Refrigerate	51-40S078

Used for the identification and maintenance of Clostridium.

For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48

Coliforms & Proteus

Coliforms and Proteus bacilli are facultative anaerobes that are gram-negative and pathogenic. Aside from Klebsiella, they are also motile.



Brain Heart Infusion Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S62
	28 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S66
	25 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S209

Used for the cultivation of Coliforms & Proteus.

Eosin Methylene Blue Agar (EMB), Levine	20 mL	100 mm plate	20 plates/sleeve		Refrigerate/Dark	21-40S87
Used in the isolation and identification of Coliforms & Proteus.						

Hektoen Enteric Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate/Dark	51-40S008
Used in the isolation and identification of Coliforms & Proteus.						

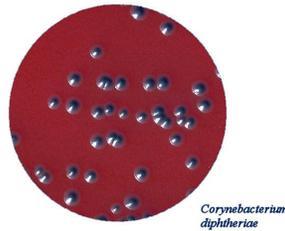
m Endo Agar, LES	20 mL	100 mm plate	10 plates/sleeve		Refrigerate/Dark	21-40S80
	8 mL	50 mm plate	10 plates/sleeve		Refrigerate/Dark	21-40S204

Used in the isolation and identification of Coliforms & Proteus.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
m FC Broth Used for the isolation of Coliforms & Proteus.	10.5 mL	Amber Vial	10 vials/box		Refrigerate	26-635.057
MacConkey Agar Used for the isolation, cultivation and identification of Coliforms & Proteus.	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S012.140
Nutrient Agar Used for the maintenance of Coliforms & Proteus.	30 mL	100 mm plate	20 plates/sleeve	Oxoid #2	Room Temp	21-100
	30 mL	100 mm plate	10 plates/sleeve	Oxoid #2	Room Temp	21-100.1
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S76
	7 mL	Glass Tube	10 tubes/box	Slant	Refrigerate	22-132.007H
	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S031
For Full Selection of Nutrient Agar and Broth, See page 45						
RZA Agar Used for the isolation of Coliforms & Proteus.	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S081.140
	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S13
		Contact Plate	10 plates/sleeve		Room Temp	21-40S308
Salmonella Shigella Agar Used for the isolation and identification of Coliforms & Proteus.	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S011
Triple Sugar Iron Agar TSI Used for the identification of Coliforms & Proteus.	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-109.010H
Tryptic Soy Agar TSA Used for the cultivation and maintenance of Coliforms & Proteus.	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S54.141
	75 mL	150 mm plate	10 plates/sleeve		Room Temp	21-40S110
	100 mL	150 mm plate	10 plates/sleeve	Double Pour	Room Temp	21-40S147
	30 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S259.140
	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-107.010H
	45 mL	Glass Tube	10 tubes/box		Room Temp	22-144.031H
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S002
		Contact Plate	10 plates/sleeve		Refrigerate	51-40S078
For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48						
Violet Red Bile Agar VRBA Used for the identification of Coliforms & Proteus.		Contact Plates	10 plates/sleeve		Refrigerate	21-40S260.140
	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S090
XLD Agar Used for the isolation and identification of & Proteus.	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S016

Corynebacterium

Corynebacterium are gram-positive, aerobic or facultative aerobic bacilli found in nature as well as the microbiota of humans and animals. They are also pleomorphic fastidious organisms with a fermentative metabolism under certain conditions.



PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Brain Heart Infusion Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S62
	28 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S66
	25 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S209

Used for the cultivation of Corynebacterium.

Nutrient Agar	30 mL	100 mm plate	20 plates/sleeve	Oxoid #2	Room Temp	21-100
	30 mL	100 mm plate	10 plates/sleeve	Oxoid #2	Room Temp	21-100.1
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S76
	7 mL	Glass Tube	10 tubes/box	Slant	Refrigerate	22-132.007H
	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S031

Used for the cultivation and maintenance of Corynebacterium.

For Full Selection of Nutrient Agar and Broth, See page 45

Potassium Tellurite Agar	20 mL	100 mm plate	20 plates/sleeve	5% Sheep Blood	Refrigerate	21-40S91
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Potassium Tellurite Agar is a selective medium used for the isolation and cultivation of Corynebacterium.

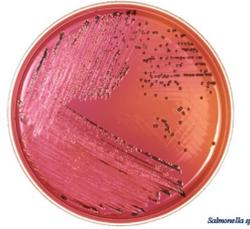
Tryptic Soy Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S54.141
TSA	75 mL	150 mm plate	10 plates/sleeve		Room Temp	21-40S110
	100 mL	150 mm plate	10 plates/sleeve	Double Pour	Room Temp	21-40S147
	30 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S259.140
	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-107.010H
	45 mL	Glass Tube	10 tubes/box		Room Temp	22-144.031H
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S002
		Contact Plate	10 plates/sleeve		Refrigerate	51-40S078

Used for the maintenance of Corynebacterium.

For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48

Enteric Bacilli

Enteric Bacilli are gram-negative, non-spore forming, facultative anaerobes that inhabit the intestinal tract of humans and animals. They can be normal flora or pathogenic.



PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Bismuth Sulfite Agar Used for the isolation, cultivation and identification of enteric Bacilli.	20 mL	100 mm plate	10 plates/sleeve		Refrigerate/Dark	51-40S007
Brain Heart Infusion Agar Used for the cultivation of enteric Bacilli.	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S62
	28 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S66
	25 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S209
Eosin Methylene Blue Agar (EMB), Levine Used for the isolation and identification of enteric Bacilli.	20 mL	100 mm plate	20 plates/sleeve		Refrigerate/Dark	21-40S87
Hektoen Enteric Agar Used for the isolation and identification of enteric Bacilli.	20 mL	100 mm plate	10 plates/sleeve		Refrigerate/Dark	51-40S008
MacConkey Agar Used for the isolation and identification of enteric Bacilli.	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S012.140
MacConkey II Agar w/ Sorbitol Used for the isolation and identification of enteric Bacilli.	20 mL	100 mm plate	10 plates/sleeve	w/Cefixime & Potassium Tellurite	Refrigerate	51-40S121
Nutrient Agar Used for maintenance of enteric Bacilli.	30 mL	100 mm plate	20 plates/sleeve	Oxoid #2	Room Temp	21-100
	30 mL	100 mm plate	10 plates/sleeve	Oxoid #2	Room Temp	21-100.1
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S76
	7 mL	Glass Tube	10 tubes/box	Slant	Refrigerate	22-132.007H
	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S031
For Full Selection of Nutrient Agar and Broth, See page 45						
Salmonella Shigella Agar Used for the isolation and identification of enteric Bacilli.	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S011
Triple Sugar Iron Agar TSI Used for the identification of enteric Bacilli.	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-109.010H

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Tryptic Soy Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S54.141
TSA	75 mL	150 mm plate	10 plates/sleeve		Room Temp	21-40S110
	100 mL	150 mm plate	10 plates/sleeve	Double Pour	Room Temp	21-40S147
	30 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S259.140
	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-107.010H
	45 mL	Glass Tube	10 tubes/box		Room Temp	22-144.031H
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S002
		Contact Plate	10 plates/sleeve		Refrigerate	51-40S078

Used for the isolation, cultivation and maintenance of enteric Bacilli.

For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48

Violet Red Bile Agar

VRBA		Contact Plates	10 plates/sleeve		Refrigerate	21-40S260.140
	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S090

Used for the isolation and identification of enteric Bacilli.

XLD Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S016
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Used for the isolation and identification of enteric Bacilli.

Enterococci Group D Streptococci

Enterococci are gram-positive, non-spore forming, facultatively anaerobic cocci that grow in chains which make it difficult to distinguish from Streptococcus. Originally, Group D was considered part of the Streptococcus genus for this reason but was later reclassified as Enterococcus. These organisms dwell in the intestinal tract of humans and animals but exhibit a great tolerance for environmental extremes including temperature, pH and sodium levels as well as antibiotic resistance.



Enterococcosel Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S83
Bile Esculin Azide Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S006

Used for the isolation and identification of Enterococci.

Brain Heart Infusion Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S62
	28 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S66
	25 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S209

Used for the cultivation and maintenance of Enterococci.

m EI Agar	10-12 mL	60 mm plate	10 plates/sleeve		Refrigerate/Dark	21-40S203
	10-12 mL	60 mm plate	20 plates/sleeve		Refrigerate/Dark	21-40S316

Used for the isolation and identification of Enterococci.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
m Enterococcus Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S83
Used for the isolation of Enterococci.						
Tryptic Soy Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S54.141
TSA	75 mL	150 mm plate	10 plates/sleeve		Room Temp	21-40S110
	100 mL	150 mm plate	10 plates/sleeve	Double Pour	Room Temp	21-40S147
	30 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S259.140
	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-107.010H
	45 mL	Glass Tube	10 tubes/box		Room Temp	22-144.031H
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S002
		Contact Plate	10 plates/sleeve		Refrigerate	51-40S078

Used for the cultivation of Enterococci.

For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48

Tryptic Soy Agar

TSA w/5% Sheep Blood	20 mL	100 mm plate	20 plates/sleeve	5% Sheep Blood	Refrigerate	21-40S61
	10 mL	Glass Tube	10 tubes/box	5% Sheep Blood	Refrigerate	22-110
	20 mL	100 mm plate	10 plates/sleeve	5% Sheep Blood	Refrigerate	51-40S003

Used in the maintenance of Enterococci.

Fungi (Yeasts & Molds)

Fungi are eukaryotic organisms that include yeasts and molds. They are heterotrophic and aerobic with limited anaerobic capacities. Most fungi cells grow as filamentous structures or hyphae and can reproduce sexually or asexually. Fungi share many characteristics of plant, animals and bacteria but also exhibit characteristics of their own which uniquely separate them from other kingdoms. They are extremely diverse and can be found anywhere from the desert to the deep sea. This "spirited" group includes approximately 120,000 species which play a very important role in the ecosystem as decomposers and symbionts but can also be pathogenic and parasitic.



Brain Heart Infusion Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S62
	28 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S66
	25 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S209

Used for the isolation of Fungi.

Czapek Solution Agar	25 mL	150 mm plate	10 plates/sleeve		Refrigerate	21-40S133
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Used for the cultivation of Fungi.

Malt Extract Agar	20 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S60
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Used for the isolation and cultivation of Fungi.

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Oatmeal Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S137
Used for the isolation and cultivation of Fungi.						
Potato Dextrose Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S036
	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S52.141
		Contact Plate	10 plates/sleeve		Room Temp	51-40S131
	20 mL	Glass Tube	10 tubes/box		Room Temp	22-161
Used for the isolation, cultivation and maintenance of Fungi.						
Potato Dextrose Broth	10 mL	Glass Tube	10 tubes/box	Min. order of 2	Room Temp	22-176
Used for the cultivation of Fungi.						
Phytone Yeast Extract Agar	200 mL	Glass Bottle	1 each		Room Temp	51-40S048
PYE	500 mL	Glass Bottle	1 each		Room Temp	51-40S072
Used for the isolation of Fungi.						
Rose Bengal Agar	20 mL	100 mm plate	20 plates/sleeve	w/Chloramphenicol	Refrigerate/Dark	21-40S63
		Contact Plate	10 plates/sleeve	w/Chloramphenicol	Refrigerate/Dark	21-40S68
Used for the isolation and identification of Fungi.						
Sabouraud Dextrose Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S53
SDA	10 mL	Glass Tube	10 tubes/box	Slants	Room Temp	22-106
	10 mL	Glass Tube	10 tubes/box	w/5 µg/mL Chloramphenicol Slants	Refrigerate	22-112
	500 mL	Glass Bottle	1 each		Room Temp	26-720
Sabouraud Dextrose Agar is used for the cultivation of pathogenic and nonpathogenic fungi such as dermatophytes and can be more selective with the addition of antimicrobics.						
Tryptic Soy Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S54.141
TSA	75 mL	150 mm plate	10 plates/sleeve		Room Temp	21-40S110
	100 mL	150 mm plate	10 plates/sleeve	Double Pour	Room Temp	21-40S147
	30 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S259.140
	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-107.010H
	45 mL	Glass Tube	10 tubes/box		Room Temp	22-144.031H
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S002
		Contact Plate	10 plates/sleeve		Refrigerate	51-40S078
Used in the cultivation and maintenance of Fungi.						
For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48						
Yeast-Peptone Dextrose Agar						
YPD	20 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S323
Used in the maintenance of Fungi.						
Yeast-Peptone Dextrose Broth						
YPD	100 mL	Plastic Bottle	1 each		Room Temp	26-743
Used in the maintenance of Fungi.						

Lactobacillus ~ Leuconostoc

Lactobacillus and Leuconostoc are gram-positive facultative anaerobes that have the ability to produce lactic acid. While Lactobacillus is found in the microbiota of many systems in the body, Leuconostoc is widely found in the natural environment such as farm fields. They are both widely used in food production.

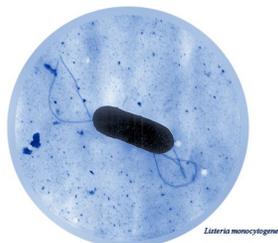


PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Lactobacilli MRS Agar	500 mL	Glass bottle	1 each		Refrigerate	51-40S071.047
	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S020.140
	100 mL	Glass bottle	1 each		Refrigerate	26-619.039
Used for the isolation of Lactobacillus and Leuconostoc.						
Lactobacilli MRS Broth	100 mL	Glass bottle	1 each		Refrigerate	26-619.039
Used for the isolation and maintenance of Lactobacillus and Leuconostoc.						
Reinforced Clostidial Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	21-40S145
Used for the isolation of Lactobacillus and Leuconostoc.						
Tomato Juice Agar	20 mL	100mm plate	20 plates/sleeve		Refrigerate	21-40S90.141
Used for the cultivation and maintenance of Lactobacillus and Leuconostoc.						
Tryptic Soy Agar						
TSA w/5% Sheep Blood	20 mL	100 mm plate	20 plates/sleeve	5% Sheep Blood	Refrigerate	21-40S61
	10 mL	Glass Tube	10 tubes/box	5% Sheep Blood	Refrigerate	22-110
	20 mL	100 mm plate	10 plates/sleeve	5% Sheep Blood	Refrigerate	51-40S003
Used for the cultivation of Lactobacillus and Leuconostoc.						

For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48

Listeria

Listeria are gram-positive, facultative anaerobic microorganisms that dwell mainly in soil environments but can also be foodborne pathogens. Listeria can withstand extreme environments including high pH, salt and temperature conditions.



PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Brain Heart Infusion Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S62
	28 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S66
	25 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S209

Used in the maintenance of Listeria.

Triple Sugar Iron Agar	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-109.010H
TSI						

Used for the identification of Listeria.

Tryptic Soy Agar TSA	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S54.141
	75 mL	150 mm plate	10 plates/sleeve		Room Temp	21-40S110
	100 mL	150 mm plate	10 plates/sleeve	Double Pour	Room Temp	21-40S147
	30 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S259.140
	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-107.010H
	45 mL	Glass Tube	10 tubes/box		Room Temp	22-144.031H
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S002
		Contact Plate	10 plates/sleeve		Refrigerate	51-40S078

Used for the isolation and maintenance of Listeria.

For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48

Tryptic Soy Agar						
TSA w/5% Sheep Blood	20 mL	100 mm plate	20 plates/sleeve	5% Sheep Blood	Refrigerate	21-40S61
	10 mL	Glass Tube	10 tubes/box	5% Sheep Blood	Refrigerate	22-110
	20 mL	100 mm plate	10 plates/sleeve	5% Sheep Blood	Refrigerate	51-40S003

Used for the cultivation of Listeria.

Mycobacterium

Mycobacterium are very hardy, gram-positive aerobic or facultative anaerobic bacteria. They have a thick cell that is hydrophobic allowing for increased antibiotic resistance.

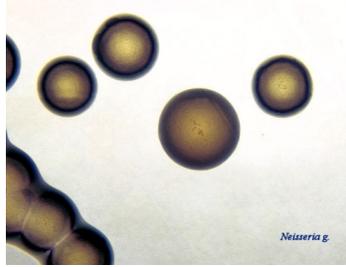


Middlebrook 7H9 Broth	100 mL	Plastic Bottle	1 each	w/ ADC Enrichment (Min order 2)	Room Temp	26-732
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Used for the cultivation and identification of Mycobacterium.

Neisseria

Neisseria are gram-negative, aerobic, fastidious microorganisms. They are catalase and oxidase positive. Most are harmless and found in the microflora of humans but *N. meningitis* and *N. gonorrhoeae* are notably important pathogens.



PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Brain Heart Infusion Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S62
	28 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S66
	25 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S209

Used for the cultivation of Neisseria.

Tryptone Phosphate Broth	100 mL	Glass Bottle	1 each		Room Temp	26-615
	500 mL	Glass Bottle	1 each		Room Temp	26-618

Used for the isolation and cultivation of Neisseria.

Non-fermenters

Acinetobacter · Alcaligenes · Burkholderia · Pseudomonas · Other Non-fermenters are gram-negative bacilli found all throughout the environment. They are aerobic, non-sporing and can be very slow growing.



Cetrimide Agar	25 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S014
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Used for the isolation on Non-fermenters.

MacConkey Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S012.140
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Used for the identification of Non-fermenters.

Nutrient Agar	30 mL	100 mm plate	20 plates/sleeve	Oxoid #2	Room Temp	21-100
	30 mL	100 mm plate	10 plates/sleeve	Oxoid #2	Room Temp	21-100.1
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S76
	7 mL	Glass Tube	10 tubes/box	Slant	Refrigerate	22-132.007H
	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S031

Used for the maintenance of Non-fermenters.

For Full Selection of Nutrient Agar and Broth, See page 45

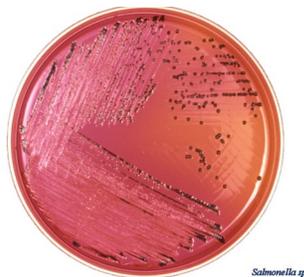
PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Pseudomonas Agar F	20 mL	100 mm plate	10 plates/sleeve	Pseudomonas F/ Pseudomonas P	Refrigerate	21-40S77
	10 mL/sector	Bi plate	10 plates/sleeve		Refrigerate	21-40S79
Used for the identification of Non-fermenters.						
Pseudomonas Agar P	20 mL	100 mm plate	10 plates/sleeve	Pseudomonas P/ Pseudomonas F	Refrigerate	21-40S75
	10 mL/sector	Bi plate	10 plates/sleeve		Refrigerate	21-40S79
Used for the identification of Non-fermenters.						
Triple Sugar Iron Agar TSI	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-109.010H
Used for the identification of Non-fermenters.						
Tryptic Soy Agar TSA	20 mL	100 mm plate	20 plates/sleeve	Double Pour	Room Temp	21-40S54.141
	75 mL	150 mm plate	10 plates/sleeve		Room Temp	21-40S110
	100 mL	150 mm plate	10 plates/sleeve		Room Temp	21-40S147
	30 mL	100 mm plate	10 plates/sleeve	Slants	Room Temp	21-40S259.140
	10 mL	Glass Tube	10 tubes/box		Refrigerate	22-107.010H
	45 mL	Glass Tube	10 tubes/box		Room Temp	22-144.031H
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S002
		Contact Plate	10 plates/sleeve		Refrigerate	51-40S078

Used for the cultivation and maintenance of Non-fermenters.

For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48

Salmonella Shigella

Salmonella and Shigella are both facultative anaerobic and non-sporing microorganisms. Salmonella is transmitted through raw food and affects the large and small intestine of humans, while Shigella is transmitted through contact and affects the colon of humans and primates.

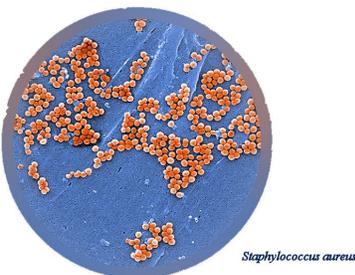


Bismuth Sulfite Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate/Dark	51-40S007
Used for the isolation and identification of Salmonella and Shigella.						
Brain Heart Infusion Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S62
	28 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S66
	25 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S209
Used for the cultivation of Salmonella and Shigella.						
Brilliant Green Agar	25 mL	100 mm plate	20 plates/sleeve	w/ Novobiocin	Refrigerate	21-40S45
	10 mL/sector	Bi Plate	10 plates/sleeve	Brilliant Green/ XLD Agar	Refrigerate	21-40S86
Used for the isolation and identification of Salmonella and Shigella.						

PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Eosin Methylene Blue Agar						
(EMB), Levine	20 mL	100 mm plate	20 plates/sleeve		Refrigerate/Dark	21-40S87
Used for the isolation and identification of Salmonella and Shigella.						
Hektoen Enteric Agar						
	20 mL	100 mm plate	10 plates/sleeve		Refrigerate/Dark	51-40S008
Used for the isolation and identification of Salmonella and Shigella.						
MacConkey Agar						
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S012.140
Used for the isolation and identification of Salmonella and Shigella.						
Nutrient Agar						
	30 mL	100 mm plate	20 plates/sleeve	Oxoid #2	Room Temp	21-100
	30 mL	100 mm plate	10 plates/sleeve	Oxoid #2	Room Temp	21-100.1
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S76
	7 mL	Glass Tube	10 tubes/box	Slant	Refrigerate	22-132.007H
	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S031
Used for the maintenance of Salmonella and Shigella.						
For Full Selection of Nutrient Agar and Broth, See page 45						
Rappaport-Vassilliadis						
R 10 Broth	1000 mL	Plastic Bottle	1 each		Room Temp	51-40S119
Used for the isolation and identification of Salmonella and Shigella.						
Salmonella Shigella Agar						
	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S011
Used for the isolation and identification of Salmonella and Shigella.						
Tetrathionate Broth						
	1000 mL	Plastic Bottle	1 each	Not sterile. Without iodine-iodide solution.	Refrigerate	51-40S120
Used in the isolation of Salmonella and Shigella.						
Triple Sugar Iron Agar						
	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-109.010H
TSI						
Used in the identification of Salmonella and Shigella.						
Tryptic Soy Agar						
	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S54.141
TSA						
	75 mL	150 mm plate	10 plates/sleeve		Room Temp	21-40S110
	100 mL	150 mm plate	10 plates/sleeve	Double Pour	Room Temp	21-40S147
	30 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S259.140
	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-107.010H
	45 mL	Glass Tube	10 tubes/box		Room Temp	22-144.031H
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S002
		Contact Plate	10 plates/sleeve		Refrigerate	51-40S078
Used in the cultivation and maintenance of Salmonella and Shigella.						
For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48						
XLD Agar						
	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S016
Used for the isolation and identification of Salmonella and Shigella.						
XLT4 Agar						
	20 mL	100 mm plate	10 plates/sleeve	w/ supplement	Refrigerate	51-40S122.140
Used for the isolation and identification of Salmonella and Shigella.						

Staphylococcus

Staphylococci are gram-positive, catalase-positive microorganisms. They are nonmotile, non-spore forming, facultative anaerobes. Their pathogenic species cause a range of infections from skin and urinary tract to pneumonia and food poisoning.



PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Mannitol Salt Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S010
	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S64.141

Used for the isolation and identification of Staphylococci.

Nutrient Agar	30 mL	100 mm plate	20 plates/sleeve	Oxoid #2	Room Temp	21-100
	30 mL	100 mm plate	10 plates/sleeve	Oxoid #2	Room Temp	21-100.1
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S76
	7 mL	Glass Tube	10 tubes/box	Slant	Refrigerate	22-132.007H
	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S031

Used for the maintenance of Staphylococci.

For Full Selection of Nutrient Agar and Broth, See page 45

Tryptic Soy Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S54.141
TSA	75 mL	150 mm plate	10 plates/sleeve		Room Temp	21-40S110
	100 mL	150 mm plate	10 plates/sleeve	Double Pour	Room Temp	21-40S147
	30 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S259.140
	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-107.010H
	45 mL	Glass Tube	10 tubes/box		Room Temp	22-144.031H
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S002
		Contact Plate	10 plates/sleeve		Refrigerate	51-40S078

Used for the cultivation and maintenance of Staphylococci.

For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48

Streptococcus

Streptococcus are gram-positive, facultatively anaerobic, catalase-negative microorganisms. They are primarily pathogenic but some do reside as microbial flora in various regions of humans and animals. They live in chains and are nonmotile. Group D Streptococcus has been reclassified as an Enterococcus.



PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Brain Heart Infusion Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S62
	28 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S66
	20 mL	100 mm plate	20 plates/sleeve	w/5% Sheep Blood	Refrigerate	21-40S85
	25 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S209

Used for the cultivation of Streptococcus.

Mitis Salivarius Agar	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S013
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Used for the isolation of Streptococcus.

Tryptic Soy Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S54.141
TSA	75 mL	150 mm plate	10 plates/sleeve		Room Temp	21-40S110
	100 mL	150 mm plate	10 plates/sleeve	Double Pour	Room Temp	21-40S147
	30 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S259.140
	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-107.010H
	45 mL	Glass Tube	10 tubes/box		Room Temp	22-144.031H
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S002
		Contact Plate	10 plates/sleeve		Refrigerate	51-40S078

Used for the cultivation of Streptococcus.

For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48

Tryptic Soy Agar						
TSA w/5% Sheep Blood	20 mL	100 mm plate	20 plates/sleeve	5% Sheep Blood	Refrigerate	21-40S61
	10 mL	Glass Tube	10 tubes/box	5% Sheep Blood	Refrigerate	22-110
	20 mL	100 mm plate	10 plates/sleeve	5% Sheep Blood	Refrigerate	51-40S003

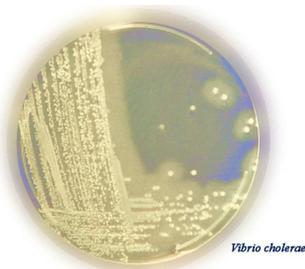
Used for the identification and maintenance of Streptococcus.

Tryptose Phosphate Broth	100 mL	Glass Bottle	1 each		Room Temp	26-615
	500 mL	Glass Bottle	1 each		Room Temp	26-618

Used for the cultivation of Streptococcus.

Vibrio

Vibrio bacteria are gram-negative, facultative anaerobes and highly motile. They are an aquatic microorganism that thrive in warm climates along marine coastal waters and the occasional freshwater lake or stream. They are pathogenic to humans and animals with most infections caused by eating raw or undercooked seafood, particularly oysters. Some types of Vibrio species can cause serious skin infections if in contact with an open wound.



PRODUCT	FILL SIZE	VESSEL	PACKAGING	FEATURES	STORAGE	PART #
Brain Heart Infusion Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S62
	28 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S66
	20 mL	100 mm plate	20 plates/sleeve	w/5% Sheep Blood	Refrigerate	21-40S85
	25 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S209
Used in the maintenance of Vibrio.						

Nutrient Agar	30 mL	100 mm plate	20 plates/sleeve	Oxoid #2	Room Temp	21-100
	30 mL	100 mm plate	10 plates/sleeve	Oxoid #2	Room Temp	21-100.1
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S76
	7 mL	Glass Tube	10 tubes/box	Slant	Refrigerate	22-132.007H
	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S031

Used in the maintenance of Vibrio.

For Full Selection of Nutrient Agar and Broth, See page 45

Tryptic Soy Agar						
TSA w/5% Sheep Blood	20 mL	100 mm plate	20 plates/sleeve	5% Sheep Blood	Refrigerate	21-40S61
	10 mL	Glass Tube	10 tubes/box	5% Sheep Blood	Refrigerate	22-110
	20 mL	100 mm plate	10 plates/sleeve	5% Sheep Blood	Refrigerate	51-40S003

Used for the cultivation of Vibrio.

For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48

Yersinia enterocolitica

Yersinia enterocolitica is a gram-negative, facultative anaerobe that can survive freezing temperatures, thrives in refrigerated temperatures and is motile at temperatures of 22°C to 30 °C. Human infections are acquired primarily via contaminated food. It is found in a wide variety of animals, though swine is the most common source.



PRODUCT	FILL SIZE	VESSEL	Packaging	Features	Storage Conditions	PART #
Brain Heart Infusion Agar	20 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S62
	28 mL	100 mm plate	20 plates/sleeve		Room Temp	21-40S66
	20 mL	100 mm plate	20 plates/sleeve	w/5% Sheep Blood	Refrigerate	21-40S85
	25 mL	100 mm plate	20 plates/sleeve		Refrigerate	21-40S209

Used for the maintenance of *Yersina enterocolitica*.

MacConkey Agar	20 mL	100 mm plate	10 plates/sleeve		Room Temp	51-40S012.140
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Used for the isolation and cultivation of *Yersina enterocolitica*.

Nutrient Agar	30 mL	100 mm plate	20 plates/sleeve	Oxoid #2	Room Temp	21-100
	30 mL	100 mm plate	10 plates/sleeve	Oxoid #2	Room Temp	21-100.1
	20 mL	100 mm plate	10 plates/sleeve		Room Temp	21-40S76
	7 mL	Glass Tube	10 tubes/box	Slant	Refrigerate	22-132.007H
	20 mL	100 mm plate	10 plates/sleeve		Refrigerate	51-40S031

Used for the maintenance of *Yersina enterocolitica*.

For Full Selection of Nutrient Agar and Broth, See page 45

Triple Sugar Iron Agar	10 mL	Glass Tube	10 tubes/box	Slants	Refrigerate	22-109.010H
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TSI

Used for the identification of *Yersina enterocolitica*.

Tryptic Soy Agar

TSA w/5% Sheep Blood	20 mL	100 mm plate	20 plates/sleeve	5% Sheep Blood	Refrigerate	21-40S61
	10 mL	Glass Tube	10 tubes/box	5% Sheep Blood	Refrigerate	22-110
	20 mL	100 mm plate	10 plates/sleeve	5% Sheep Blood	Refrigerate	51-40S003

Used for the isolation and cultivation and maintenance of *Yersina enterocolitica*.

For Full Selection of Tryptic Soy Agar and Broth, See pages 46-48

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