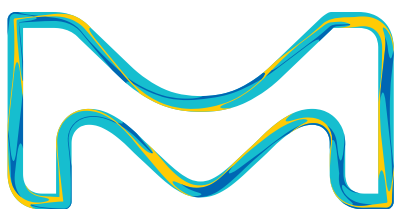


Sterility Testing Media and Rinse Fluids

Easy-to-use, reliable,
sterile products to ensure
accurate sterility testing,
bioburden testing and
general microbiology
preparation



The Life Science business
of Merck operates as
MilliporeSigma in the
U.S. and Canada.

Millipore®

Preparation, Separation,
Filtration & Monitoring Products

Sterility Testing Media and Rinse Fluids

Easy-to-use, reliable, sterile products to ensure accurate sterility testing, bioburden testing and general microbiology preparation

Culture media and rinsing fluids help to highlight the presence of bacteria and fungi. Those products are used mainly to determine whether the pharmaceutical product, medical devices, cream or oil are contaminated by microorganisms.

Test with the Highest Level of Confidence

All our ready-to-use media and fluids are manufactured in ISO® 9001 controlled environments where each lot is certified for pH, sterility, and growth promotion using ATCC® strains specified by the EP 2.6.1, USP 71 et JP 4.06 as well as our strict internal QC procedures. All products are sterile with a Sterility Assurance Level of 10⁻⁶.

Custom Solutions

For specific requests not existing in the current portfolio, we can develop custom solutions fulfilling your specifications. There are some prerequisites to consider, especially about minimum volume: 300 L/batch for bottles and 5000 pcs for tubes and plates. Please contact us in order to start the feasibility study.

Applications

- Sterility testing (membrane filtration and direct inoculation)
- Bioburden testing
- General Microbiology

Multiple Configuration and Features

Our Sterility Testing Media and Rinse Fluids portfolio offer a wide range of products for sterility testing, bioburden testing and general microbiology preparation.

Fluid A

Suitable as a general rinse buffer, and compatible with most samples. Excellent for dissolving or diluting samples, reconstituting commercial microorganisms, or as a transport medium for microorganisms.

Fluid D

Suitable for testing samples that contain lecithin or oil, and compatible with most antibiotics. Excellent for rinsing sterile pathways of devices, and typically needed for rinse method testing of medical devices.

Fluid K

Suitable for testing samples that contain petrolatum, oils, or oily solutions. Excellent for rinsing pathways of medical devices, and for samples that are difficult to filter or dissolve.



Isopropyl Myristate

IPM is suitable as a sterile solvent in water-in-oil emulsion, oils and fat-based ointments. The use of IPM is recommended for sterility testing as a diluent for oils and oily solutions, as well as for ointments and creams. Indeed, its solvent properties improve the filterability of these samples. This product is gamma irradiated.

Fluid Thioglycollate Medium

is primarily intended for the detection of anaerobic bacteria, however, it also enables aerobic bacterial detection. This medium is used for sterility testing by membrane filtration or direct inoculation as described in the USP, EP and JP.

Soybean-Casein Digest Medium

(Tryptase Soy Broth) suitable for the culture of both fungi and aerobic bacteria. This medium is used for sterility testing by membrane filtration or by direct inoculation. It is also used as pre-enrichment broth for non sterile products. Compliant to the USP, EP and JP.



Clear Thioglycollate Medium

has the same growth promotion properties as the standard FTM. The alternative formulation, compliant to pharmacopeia recommendations, brings extra visual clarity.

Double Packaging Configuration

Double packed and ETO sterilized media and fluids for easy use in a laminar flow hood

- Streamline and optimize your cleaning procedures.
- Minimize the risk of cross contamination and false results.
- Reduce the bioburden load on your testing environment.
- Secure an efficient decontamination in isolator chambers.



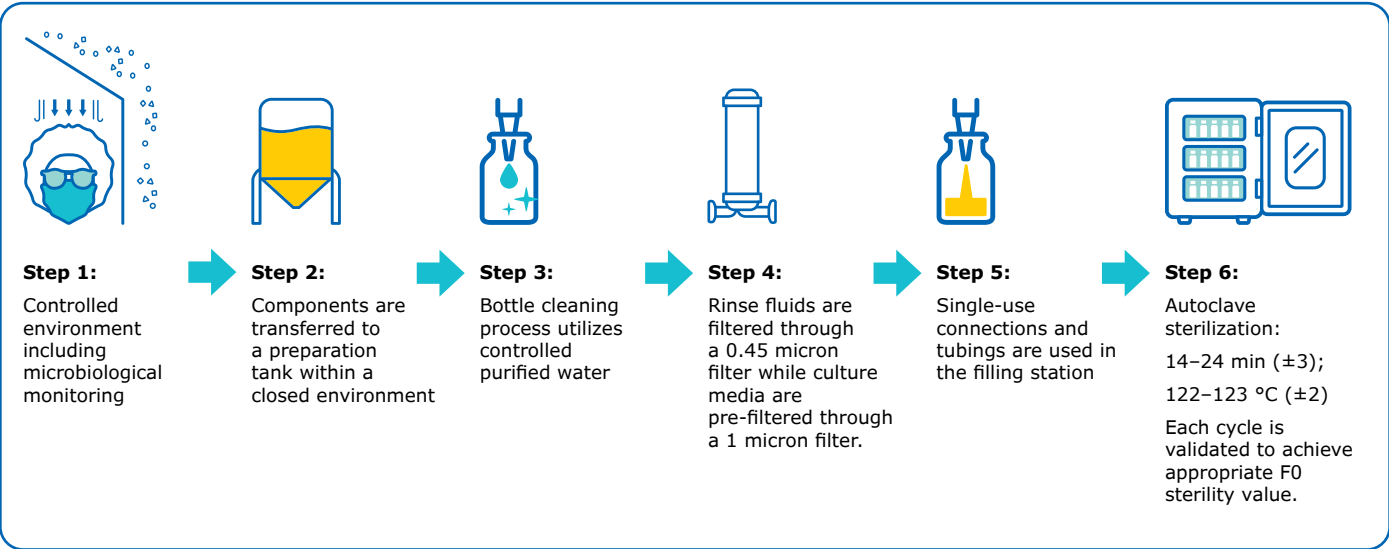
Traceability

- Identification and 2D barcodes on the primary packaging, secondary packaging and on each single unit.
- Color coding on boxes and on each unit to avoid mistakes.



Manufacturing Information

Our manufacturing steps ensure reliable testing



Recommendations

Bottles

- Please inspect each container for visible defects and/or turbidity and discard if present.
- Please avoid the contamination of culture media by contact with skin or body fluids. Such contaminated media cannot be used anymore.
- In the case of negative pressure due to prior heat sterilization, the containers should be ventilated by sterile filter-units (Steritest® vent needles, catalogue no. TEFG02525) before usage to avoid aspiration of potential contaminated air.
- The risk of transfer of microorganisms from the surface of the containers into the sterile culture medium can be minimized by disinfection of the external surface (including the septum) followed by handling in sterile environments (e.g. isolators). The inoculation of the containers by sterile needles is safer than procedures which require opening of media bottles or tubes.

Tubes

- To inject via septum it's optimal to use a cool, sterile, 30 gauge (30G) needle.
- Never inject more than 10% of the total volume of the tube.
- While using a needle with the septum, never touch the medium with the needle when you inject the sample.



Specifications and Ordering Information

Our Sterility Testing Media and Rinse Fluids help to help detect the presence of bacteria and fungi.

These products are used mainly to determine whether the pharmaceutical product, medical devices, cream or oil are contaminated with microorganisms.

The test is passed if no growth is visible at the end of incubation. It is recommended to identify any contaminants to aid in the investigation and to implement any changes or corrective actions.

Bottles



Type 1: Bottle with flip cap with septum. Picture depicts 125 mL bottle with filling volume of 100 mL.



Type 2: Bottle with screw cap with septum. Picture depicts 250 mL bottle with filling volume of 225 mL.



Type 3: Bottle with screw cap with 3 septa. Picture depicts 125 mL bottle with filling volume of 100 mL.



Type 4: Wide mouth bottle. Picture depicts 275 mL bottle with filling volume of 100 mL.



Type 5: Plastic vial with a plastic flip cap. Picture depicts 12 mL vial with filling volume of 9 mL.

Tubes



Tube with screw cap with 2 septa.

Bottles

Catalog No.	Product Name (Supplement)	S or O ²	Composition /L	Performance	Storage	pH	Shelf Life (days)	Cap Type ¹	Bottle	Filling Vol. (mL)	Bottle Size (mL)	Qty. per Pc.
1468100006	Agarose Agar	O	Tryptone: 10 g NaCl: 5 g Agarose: 6 g	ATCC 8739	+2 °C to +25 °C	6.8 to 7.2	360	Screw + 3L	Glass	250	250	6
1468550006	Blotting Buffer	O	Sodium acetate trihydrate: 6.80 g Acetic acid: 1.8 mL	No fertility test	+2 °C to +25 °C	4.7 to 5.1	360	Screw + 3L	Glass	1000	1000	6
1468570006	Blotting Buffer	O	Tris(hydroxymethyl)aminomethane: 6.06 g NaCl: 8.76 g	No fertility test	+2 °C to +25 °C	7.7 to 8.1	360	Screw + 3L	Glass	1000	1000	6
1468560006	Blotting Buffer	O	Tris(hydroxymethyl)aminomethane: 6.06 g NaCl: 8.76 g Tween® 20: 0.45 mL	No fertility test	+2 °C to +25 °C	7.7 to 8.1	360	Screw + 3L	Glass	1000	1000	6
1468590006	Blotting Buffer	O	Tris(hydroxymethyl)aminomethane: 6.06 g NaCl: 8.76 g Tween® 20: 18.18 mL	No fertility test	+2 °C to +25 °C	7.8 to 8.2	360	Screw + 3L	Glass	1000	1000	6
1464980006	Calcium Citrate	O	Casein Peptone: 20 g Yeast Extract: 5 g Gelatin: 2.5 g NaCl: 4 g Lactose: 10 g Ca-Lactate: 8 g Na-Citrate: 2 g Agar: 15 g	DSM20242 ATCC 7469 Lactococcus lactis lactis isolate	+2 °C to +25 °C	6.4 to 6.8	180	Screw + 3L	Glass	170	250	6
1466800006	Casein Broth (LT)	O	Casein Peptone: 20 g Lecithin from Soya: 5 g Polysorbate 20: 40 mL	ATCC 6538 ATCC 9027 ATCC 8739 ATCC 10231	+2 °C to +25 °C	6.9 to 7.3	360	Screw + S	Glass	500	500	6
1464950010	Casein Peptone Lecithin Polysorbate Broth	S	Casein Peptone: 20 g Lecithin from Soya: 5 g Polysorbate 20: 40 mL	ATCC 6538 ATCC 9027 ATCC 6633 ATCC 8739 ATCC 10231	+2 °C to +25 °C	6.9 to 7.3	360	Screw + 3L	Glass	90	125	10
1464770006	Fluid A	O	Casein Peptone: 1 g	ATCC 6538 ATCC 9027 ATCC 6633 ATCC 10231 ATCC 8739	+2 °C to +25 °C	6.9 to 7.3	360	Flip + S	Glass	700	1000	6
STBMRFA64	Fluid A	S	Meat peptone (peptic digest of animal tissue): 1 g	ATCC 19404 ATCC 6538 ATCC 9027 ATCC 6633 ATCC 10231 ATCC 16404	+2 °C to +25 °C	6.9 to 7.3	360	Screw + S	Glass	600	1000	4
B485-1L	Fluid A	O	Meat Peptone: 1 g	ATTCC 10231 ATTCC 6538 ATTCC 9027 ATTCC 6633 ATTCC 19404 ATTCC 16404	+2 °C to +25 °C	6.9 to 7.3	360	Screw	Plastic (PC)	1000	1000	4
STBMRFA12	Fluid A	S	Meat peptone (peptic digest of animal tissue): 1 g	ATCC 19404 ATCC 6538 ATCC 9027 ATCC 6633 ATCC 10231 ATCC 16404	+2 °C to +25 °C	6.9 to 7.3	360	Screw + S	Glass	100	125	12
STBMRFA12DP (double packed)	Fluid A	S								100	125	12
STBMRFA34	Fluid A	S								300	500	4
STBMRFA94	Fluid A	S								900	1000	4
1464150006	Fluid A	S	Peptic Digest of Animal Tissue: 1 g	ATCC 6538 ATCC 9027 ATCC 6633 ATCC 10221 ATCC 8739	+2 °C to +25 °C	6.9 to 7.3	360	Flip + S	Glass	300	500	6
1464700010		S								100	125	10
1464890006		O								600	1000	6
1464890012		O								600	1000	12
1466020006	Fluid A	O	Peptic Digest of Animal Tissue: 1 g	ATCC 6538 ATCC 9027 ATCC 10231	+2 °C to +25 °C	6.9 to 7.3	360	Screw + S	Glass	300	500	6
1466390006		O						Screw + 3L		1000	1000	6
1466910006		O						Screw + 3L		800	1000	6
1463980006	Fluid A	S	Peptone: 1 g	ATCC 6538 ATCC 9027 ATCC 6633 ATCC 10231 ATCC 8739	+2 °C to +25 °C	6.9 to 7.3	360	Screw + S	Glass	1000	1000	6
1464880006		S						Screw + S		500	500	6

¹ Flip + S = flip cap with septum, Screw + 3L = Screw cap 3 loci, Screw + S = screw cap with septum, Screw + WN = screw cap for wide Neck, Screw = screw cap

² Make to Stock (S) or Make to Order (O)

Typical Composition: The medium can be adjusted and/or supplemented according to the performance criteria required.

Bottles

Catalog No.	Product Name (Supplement)	S or O ²	Composition /L	Performance	Storage	pH	Shelf Life (days)	Cap Type ¹	Bottle	Filling Vol. (mL)	Bottle Size (mL)	Qty. per Pc.
1468050006	Fluid A	O	Peptone: 1 g	ATCC 6538 ATCC 9027 ATCC 10231	+2 °C to +25 °C	6.9 to 7.3	180	Screw + 3L	Glass	250	250	6
1468070006		O					360	Screw + 3L		500	500	6
1468540006	Fluid A (Acide L-ascorbique 1%+ Peptone 0.1%)	O	Meat peptone tryptic digest: 1 g Ascorbic acid: 10 g	No fertility test	+2 °C to +25 °C	NA	360	Flip + S	Glass	300	500	6
STBMRFD34	Fluid D	S	Meat peptone (peptic digest of animal tissue): 1 g Polysorbate 80: 1 mL	ATCC 19404 ATCC 6538 ATCC 9027 ATCC 6633 ATCC 10231 ATCC 16404	+2 °C to +25 °C	6.9 to 7.3	360	Screw + S	Glass	300	500	4
STBMRFD64		O						Screw + S		600	1000	4
1464830006	Fluid D	S	Peptic Digest of Animal Tissue: 1 g Polysorbate 80: 1 mL	ATCC 6538 ATCC 9027 ATCC 6633 ATCC 10231 ATCC 8739	+2 °C to +25 °C	6.9 to 7.3	360	Flip + S	Glass	300	500	6
1468060006		O						Screw + 3L		500	500	6
1463960006		O						Screw + S		1000	1000	6
1464690006		S						Screw + S		500	500	6
1465730006	Fluid D	O	Peptic Digest of Animal Tissue: 1 g Tween® 80: 1 mL	ATCC 6538 ATCC 9027 ATCC 10231	+2 °C to +25 °C	6.9 to 7.3	360	Screw + S	Glass	800	1000	6
1464680010	Fluid D (Sodium thiosulfate + DTT)	O	Peptone: 1 g Tween® 80: 1 mL Sodium-Thioglycollate: 0.5 g Dithiothreitol: 0.31 g	ATCC 6538 ATCC 9027 ATCC 6633 ATCC 10231 ATCC 8739	+2 °C to +25 °C	6.5 to 7.5	360	Flip + S	Glass	100	125	10
STBMRFK12	Fluid K	S	Meat peptone (peptic digest of animal tissue): 5 g Beef extract: 3 g Polysorbate 80: 10 g	ATCC 19404 ATCC 6538 ATCC 9027 ATCC 6633 ATCC 10231 ATCC 16404	+15 °C to +25 °C	6.7 to 7.1	360	Screw + S	Glass	100	125	12
STBMRFK34		S						Screw + S		300	500	4
1467790006	Fluid K	O	Peptic Digest of Animal Tissue: 5 g Beef Extract: 3 g Tween® 80: 10 g	ATCC 6538 ATCC 9027 ATCC 10231	+2 °C to +25 °C	6.7 to 7.1	180	Flip + S	Glass	500	500	6
B159-150S	Fluid Thioglycollate Medium	O	Casein: 15 g Yeast Extract: 5 g Dextrose: 5.5 g Sodium Chloride: 2.5 g L-Cystine: 0.5 g Sodium Thioglycollate: 0.5 g Agar: 0.75 g Resazurin: 1 mg	ATTCC 19404 ATTCC 6538 ATTCC 9027 ATTCC 9341 ATTCC 6633 ATTCC 25923	+2 °C to +25 °C	6.9 to 7.3	360	Screw + S	Plastic (PC)	150	300	12
B159-600S		O						Screw + S	Plastic (PC)	600	1000	4
STBMFTM12	Fluid Thioglycollate Medium	S	Casein peptone: 15 g L-Cystine: 0.5 g Monohydrated/Anhydrous dextrose: 5.5 g/5 g Yeast extract: 5 g Sodium chloride: 2.5 g Sodium thioglycollate: 0.5 g or Thioglycolic acid: 0.3 mL Resazurin: 0.001 g Agar: 0.75 g	ATCC 19404 ATCC 6538 ATCC 9027	+2 °C to +25 °C	6.9 to 7.3	360	Screw + S	Glass	100	125	12
STBMFTM12DP (double packed)		S						Screw + S	Glass	100	125	12
1463140020	Fluid Thioglycollate Medium	O	Casein Peptone: 15 g Meat Peptone: 0.5 g Thiogl.: 0.5 g Tween® 80: 15 g Resazurin: 1 mg Cysteine: 1.45 g Cystine: 0.5 g NaCl: 2.5 g Yeast Ex.: 5 g Lecithine: 1.5 g Histidine: 0.5 g Gluc.anh.: 5 g K ₂ HPO ₄ : 1.8 g Na ₂ HPO ₄ : 3.6 g Agar: 0.75 g	ATCC 11437 ATCC 8739 ATCC 9027 ATCC 6538 ATCC 6633 ATCC 10231	+2 °C to +25 °C	6.9 to 7.3	270	Screw + 3L	Glass	180	250	20

¹ Flip + S = flip cap with septum, Screw + 3L = Screw cap 3 loci, Screw + S = screw cap with septum, Screw + WN = screw cap for wide Neck, Screw = screw cap

² Make to Stock (S) or Make to Order (O)

Typical Composition: The medium can be adjusted and/or supplemented according to the performance criteria required.

Bottles

Catalog No.	Product Name (Supplement)	S or O ²	Composition /L	Performance	Storage	pH	Shelf Life (days)	Cap Type ¹	Bottle	Filling Vol. (mL)	Bottle Size (mL)	Qty. per Pc.
1464060010	Fluid Thioglycollate Medium	S	Pancreatic Digest of Casein: 15 g NaCl: 2.5 g Glucose x H ₂ O: 5.5 g Na-Thioglycol.: 0.5 g Yeast Extract: 5 g L-Cystine: 0.5 g Resazurin: 1 mg Agar: 0.75 g	ATCC 6538 ATCC 9027 ATCC 19404 ATCC 11437	+2 °C to +25 °C	6.9 to 7.3	360	Flip + S	Glass	100	100	10
1464590006	Fluid Thioglycollate Medium	O	Pancreatic Digest of Casein: 15 g Yeast Extract: 5 g Na-Thioglycol.: 0.5 g Resazurin: 1 mg L-Cystine: 0.5 g	ATCC 19404 ATCC 11437 ATCC 6538 ATCC 9027	+2 °C to +25 °C	6.9 to 7.3	270	Flip + S	Glass	250	250	6
1463860010	Fluid Thioglycollate Medium	S	NaCl: 2.5 g Agar: 0.75 g Glucose x H ₂ O: 5.5 g	ATCC 6538 ATCC 9027			360	Screw + S	Glass	100	125	10
1463870006	Fluid Thioglycollate Medium	S	Pancreatic Digest of Casein: 15 g Yeast Extract: 5 g Na-Thioglycol.: 0.5 g Resazurin: 1 mg L-Cystine: 0.5 g NaCl: 2.5 g Agar/Gel. Ag.: 0.2 g Glucose x H ₂ O: 5.5 g	ATCC 19404 ATCC 11437 ATCC 6538 ATCC 9027	+2 °C to +25 °C	6.9 to 7.3	360	Screw + S	Glass	750	1000	6
STBMCTM12DP (double packed)	Clear Thioglycollate Medium	S	Casein peptone: 15 g L-Cystine: 0.5 g Monohydrated/Anhydrous dextrose: 5.5 g/5 g Yeast extract: 5 g Sodium chloride: 2.5 g Sodium thioglycollate: 0.5 g or Thioglycolic acid: 0.3 mL Resazurin: 0.001 g Synthetic Agar: 0.75 g	ATCC 19404 ATCC 6538 ATCC 9027	+2 °C to +25 °C	6.9 to 7.3	360	Screw +S	Glass	100	125	12
STBMCTM12												
1464560010	Clear Thioglycollate Medium	S	Casein Peptone: 15 g NaCl: 2.5 g Na-Thioglycol.: 0.5 g Resazurin: 1 mg Yeast Extract: 5 g Glucose Anhyd.: 5 g L-Cystine: 0.5 g Agar/Gel. Ag.: 0.2 g	ATCC 6538 ATCC 9027 ATCC 19404 ATCC 11437	+2 °C to +25 °C	6.9 to 7.3	360	Flip + S	Glass	100	125	10
1465900006		O						Screw + S		900	1000	6
1468190006	Clear Thioglycollate Medium	O	Casein Peptone: 15 g Yeast Extract: 5 g NaCl: 2.5 g Glucose Anhyd.: 5 g Na-Thioglycol.: 0.5 g L-Cystine: 0.5 g Resazurin: 1 mg Agar/Gel. Ag.: 0.2 g	ATCC 6538 ATCC 9027 ATCC 19404 ATCC 11437	+2 °C to +25 °C	6.9 to 7.3	360	Screw + S	Glass	450	500	6
1463330010	Clear Thioglycollate Medium	S	Casein Peptone: 15 g Yeast Extract: 5 g Na-Thioglycol.: 0.5 g Resazurin: 1 mg L-Cystine: 0.5 g NaCl: 2.5 g Agar/Gel. Ag.: 0.2 g Glucose Anhyd.: 5 g	ATCC 19404 ATCC 11437 ATCC 6538 ATCC 9027	+2 °C to +25 °C	6.9 to 7.3	360	Screw + S	Glass	100	125	10
1466290006	Clear Thioglycollate Medium (Tween® 1%)	O	Casein Peptone: 15 g NaCl: 2.5 g Na-Thioglycol: 0.5 g Resazurin: 1 mg Tween® 80: 10 mL Yeast Extract: 5 g Glucose Anhyd.: 5 g L-Cystine: 0.5 g Agar/Gel. Ag: 0.2 g	ATCC 19404 ATCC 11437 ATCC 9027 ATCC 6538	+2 °C to +25 °C	6.9 to 7.3	180	Screw + S	Glass	500	500	6

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Bottles

Catalog No.	Product Name (Supplement)	S or O ²	Composition /L	Performance	Storage	pH	Shelf Life (days)	Cap Type ¹	Bottle	Filling Vol. (mL)	Bottle Size (mL)	Qty. per Pc.
B650-150S	Fluid Thioglycollate Medium (0.5% Beef)	O	Beef Extract: 5 g Yeast Extract: 5 g Casein: 15 g Dextrose: 5.5 g Sodium Chloride: 2.5 g L-Cystine: 0.5 g Sodium Thioglycollate: 0.5 g Agar: 0.75 g Resazurin: 1 mg	ATTCC 25923 ATTCC 9027 ATTCC 6633 ATTCC 10231 ATTCC 19404 ATTCC 9341	+2 °C to +25 °C	7.0 to 7.4	360	Screw + S	Glass	150	300	12
1463140006	Fluid Thioglycollate Medium (LTH)	O	Casein Peptone: 15 g Meat Peptone: 0.5 g Thiogl.: 0.5 g Tween® 80: 15 g Resazurin: 1 mg Cysteine: 1.45 g Cystine: 0.5 g NaCl: 2.5 g Yeast Ex.: 5 g Lecithine: 1.5 g Histidine: 0.5 mL Gluc.anh.: 5 g K ₂ HPO ₄ : 1.8 g Na ₂ HPO ₄ : 3.6 g Agar: 0.75 g	ATCC 11437 ATCC 8739 ATCC 9027 ATCC 6538 ATCC 6633 ATCC 10231	+2 °C to +25 °C	6.9 to 7.3	270	Screw + 3L	Glass	180	250	6
1468520006	Fluid Thioglycollate Medium (Tween® 0.1%)	O	Pancreatic Digest of Casein: 15 g Yeast Extract: 5 g NaCl: 2.5 g Na-Thioglycol. 0.5 g L-Cystine: 0.5 g Glucose x H ₂ O: 5.5 g Resazurin: 1 mg Agar: 0.75 g Polysorbate 80: 1 mL	ATCC 19404 ATCC 11437 ATCC 9027 ATCC 6538	+2 °C to +25 °C	6.9 to 7.3	360	Flip + S	Glass	1000	1000	6
1466310006	Fluid Thioglycollate Medium (Tween® 0.1%)	O	Pancreatic Digest of Casein: 15 g NaCl: 2.5 g Glucose x H ₂ O: 5.5 g Yeast Extract: 5 g Na-Thioglycol.: 0.5 g L-Cystine: 0.5 g Resazurin: 1 mg Agar: 0.75 g	ATCC 19404 ATCC 11437 ATCC 9027 ATCC 6538	+2 °C to +25 °C	6.9 to 7.3	360	Flip + S	Glass	500	500	6
1467150010	Fluid Thioglycollate Medium (Tween® 0.5%)	O	Pancreatic Digest of Casein: 15 g Yeast Extract: 5 g NaCl: 2.5 g Na-Thioglycol. 0.5 g L-Cystine: 0.5 g Glucose x H ₂ O: 5.5 g Resazurin: 1 mg Agar: 0.75 g Polysorbate 80: 5 mL	ATCC 19404 ATCC 11437 ATCC 9027 ATCC 6538	+2 °C to +25 °C	6.9 to 7.3	270	Flip + S	Glass	100	125	10
1468010006		O					360	Screw + S		400	500	6
1465720012	Fluid Thioglycollate Medium (Tween® 1%)	O	Pancreatic Digest of Casein: 17.7 g Yeast Extract: 5.9 g Na-Thioglycollate: 0.6 g Glucose x H ₂ O: 6.5 g Agar: 0.86 g NaCl: 2.9 g Tween® 80: 11.8 g L-Cystine: 0.6 g Resazurin: 1.2 mg	ATCC 19404 ATCC 11437 ATCC 6538 ATCC 9027	+2 °C to +25 °C	6.9 to 7.3	360	Screw	Glass	850	1000	12
1468130006	Luria Agar	O	Tryptone: 10 g NaCl: 5 g Yeast extract: 5 g	ATCC 8739	+2 °C to +25 °C	6.8 to 7.2	360	Screw + 3L	Glass	200	250	6
1468120006	Luria Agar	O	Tryptone: 10 g NaCl: 5 g Yeast extract: 5 g Agar: 13 g	ATCC 8739	+2 °C to +25 °C	6.8 to 7.2	360	Screw + 3L	Glass	200	250	6
1463720006	MacConkey Broth	S	Pancreatic Digest of Gelatin: 20 g Lactose Monohydrate: 10 g	ATCC 8739 ATCC 14028	+2 °C to +25 °C	7.1 to 7.5	360	Screw + 3L	Glass	100	250	6
1464610070		O	Dehydrated Ox Bile: 5 g Bromocresol Purple: 10 mg							100	125	70

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Bottles

Catalog No.	Product Name (Supplement)	S or O ²	Composition /L	Performance	Storage	pH	Shelf Life (days)	Cap Type ¹	Bottle	Filling Vol. (mL)	Bottle Size (mL)	Qty. per Pc.
1463820006	MacConkey Broth	S	Pancreatic Digest of Gelatin: 20 g Lactose Monohydrate: 10 g Dehydrated Ox Bile: 5 g Bromocresol Purple: 10 mg	ATCC 8739 ATCC 14028 ATCC 6538	+2 °C to +25 °C	7.1 to 7.5	360	Screw + 3L	Glass	1000	1000	6
1463830006		S						Screw + WN		100	275	6
1464610010		S						Screw + 3L		100	125	10
1468470010	Magnesium	O	Sulfate de Magnesium Heptahydrate, purity >99%: 2.47 g/L	No fertility test	+2 °C to +25 °C	8.5 to 9.5	180	Screw + 3L	Glass	100	125	10
1468090006	Maximum Recovery Diluent	O	Peptone: 1 g NaCl: 8.5 g	ATCC 6538 ATCC 9027 ATCC 10231	+2 °C to +25 °C	6.8 to 7.2	270	Screw + 3L	Glass	500	500	6
B663-1L	mHEEC Broth	O	mHEEC Bouillon: 31.6 g	ATCC 35150 ATCC 11775 ATCC 43890 ATCC13076 ATCC14028 ATCC 25923	+2 °C to +25 °C	6.8 to 7.2	360	Screw	Plastic (PC)	1000	1000	9
1464960010	Modified Tween®- Lethen Broth	S	Meat Peptone: 20 g Casein Peptone: 5 g Meat Extract: 5 g Yeast Extract: 2 g Na-Bisulfite: 0.1 g NaCl: 5 g Lecithin: 0.7 g Na-Thiosulfate: 1 g Tween® 80: 15 mL	ATCC 6538 ATCC 9027 ATCC 8739 ATCC 6633 ATCC 2091	+2 °C to +25 °C	7.0 to 7.4	180	Screw + 3L	Glass	90	125	10
1464970006		O								300	500	6
1463530006	Modified Tween®- Lethen Broth	O	Meat Peptone: 20 g Na-Bisulfite: 0.1 g Casein Peptone: 5 g NaCl: 5 g Meat Extract: 5 g Lecithin: 10.0 g Yeast Extract: 2 g Polysorb. 80: 15 mL	ATCC 6538 ATCC 9027 ATCC 8739 ATCC 10231	+2 °C to +25 °C	7.0 to 7.4	270	Screw + WN	Glass	90	275	6
1464630010	Mossel Broth	S	Pancreatic Digest of Gelatin: 10 g Dehydrated Ox Bile: 20 g Na ₂ HPO ₄ x 2 H ₂ O: 8 g KH ₂ PO ₄ : 2 g Glucose x H ₂ O: 5 g Brilliant Green: 15 mg	ATCC 8739 ATCC 9027 ATCC 6538	+15 °C to +25 °C	7.0 to 7.4	240	Screw + 3L	Glass	100	125	10
1465890006	MRD (LT)	O	Casein Peptone: 1 g NaCl: 8.5 g Tween® 20: 40 mL Lecithin: 5 g	ATCC 6538 ATCC 10231 ATCC 8739	+2 °C to +25 °C	6.0 to 8.0	360	Screw + S	Glass	1000	1000	6
1465690010	NaCl Solution	O	NaCl: 9 g	ATCC 6538 ATCC 8739	+2 °C to +25 °C	NA	360	Screw + 3L	Glass	100	125	10
1468450010	TCMG Top Agar	O	Casein Peptone Trypt.: 10 g/L Sodium chloride: 2.5 g/L Agar-Agar high pure for microbiology: 7.5 g/L	ATCC 8739	+2 °C to +8 °C	6.8 to 7.2	180	Screw + 3L	Glass	100	125	10
1464070006	NaCl-Peptone Solution Buffered	O	NaCl: 4.3 g KH ₂ PO ₄ : 3.56 g Na ₂ HPO ₄ : 7.23 g Peptone: 1 g	ATCC 8739 ATCC 6538 ATCC 9027 ATCC 6633 ATCC 10231	+2 °C to +25 °C	6.8 to 7.2	360	Screw + WN	Glass	90	275	6
1464080006	NaCl-Peptone Solution Buffered	S	NaCl: 4.3 g KH ₂ PO ₄ : 3.6 g Na ₂ HPO ₄ x 2 H ₂ O: 7.2 g Peptone: 1 g	ATCC 8739 ATCC 6538 ATCC 9027 ATCC 6633 ATCC 10231	+2 °C to +25 °C	6.8 to 7.2	270	Flip + S	Glass	300	500	6
1464190006		S					360	Screw + 3L		200	250	6
1464800010		S					360	Screw + 3L		90	125	10
1464800070		O					360	Screw + 3L		90	125	70
1463950006	NaCl-Peptone Solution Buffered	O	NaCl: 9 g KH ₂ PO ₄ : 0.50 g Na ₂ HPO ₄ x 2 H ₂ O: 0.45 g	ATCC 8739 ATCC 6538	+2 °C to +25 °C	6.9 to 7.3	360	Flip + S	Glass	200	250	6
1463950020		O					360	Flip + S		200	250	20
1463690010	NaCl-Peptone Solution Buffered	O	Peptone: 1 g NaCl: 4.3 g KH ₂ PO ₄ : 3.56 g Na ₂ HPO ₄ x 2 H ₂ O: 7.23 g	ATCC 6633 ATCC 8739 ATCC 6538 ATCC 9027 ATCC 10231	+2 °C to +25 °C	6.8 to 7.2	360	Flip + S	Glass	100	100	10
1466110006		O					360	Flip + S	Glass	200	250	6

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² Make to Stock (S) or Make to Order (O)

Typical Composition: The medium can be adjusted and/or supplemented according to the performance criteria required.

Bottles

Catalog No.	Product Name (Supplement)	S or O ²	Composition /L	Performance	Storage	pH	Shelf Life (days)	Cap Type ¹	Bottle	Filling Vol. (mL)	Bottle Size (mL)	Qty. per Pc.
1466340006	NaCl-Peptone Solution Buffered	O	Peptone: 1 g NaCl: 4.3 g KH ₂ PO ₄ : 3.56 g Na ₂ HPO ₄ : 7.23 g Tween® 80: 1 mL	ATCC 6538 ATCC 9027 ATCC 8739 ATCC 6633 ATCC 10231	+2 °C to +25 °C	6.8 to 7.2	360	Screw + 3L	Glass	450	500	6
1463600006	NaCl-Peptone Solution Buffered	S	Peptone: 1 g NaCl: 4.3 g KH ₂ PO ₄ : 3.6 g Na ₂ HPO ₄ x 2 H ₂ O: 7.2 g	ATCC 6633 ATCC 8739 ATCC 6538 ATCC 9027 ATCC 10231	+2 °C to +25 °C	6.8 to 7.2	360	Screw + 3L	Glass	90	250	6
1463670010		S					360	Screw + 3L		100	125	10
1463680006		S					270	Screw + 3L		1000	1000	6
1467800006		O					360	Screw + S		200	250	6
1465280006	NaCl-Peptone Solution Buffered	O	Peptone: 1 g NaCl: 8.5 g	ATCC 6538 ATCC 9027 ATCC 8739 ATCC 6633 ATCC 10231	+2 °C to +25 °C	6.9 to 7.3	360	Flip + S	Glass	500	500	6
1466130006		O					180	Screw + 3L	Glass	250	250	6
1465960006	NaCl-Peptone Solution Buffered	O	Peptone: 10 g NaCl: 5 g KH ₂ PO ₄ : 1.5 g Na ₂ HPO ₄ * 12 H ₂ O: 9 g	ATCC 6633 ATCC 8739 ATCC 6538 ATCC 9027	+2 °C to +25 °C	6.8 to 7.2	180	Screw + 3L	Glass	500	1000	6
1465700010	NaCl-Peptone Solution Buffered (LT)	O	Peptone: 1 g NaCl: 4.3 g KH ₂ PO ₄ : 3.56 g Na ₂ HPO ₄ : 7.23 g Tween® 80: 30 g Lecithin: 3 g	ATCC 6538 ATCC 9027 ATCC 10231 ATCC 8739	+2 °C to +25 °C	6.8 to 7.2	360	Screw + 3L	Glass	90	125	10
1465070006	NaCl-Peptone Solution Buffered (LTH)	O	Peptone: 1 g NaCl: 4.3 g K ₂ HPO ₄ : 3.6 g Na ₂ HPO ₄ : 7.23 g Tween® 80: 30 mL Lecithin: 3 g Histidine: 1 g	ATCC 6538 ATCC 9027 ATCC 8739 ATCC 6633 ATCC 10231	+2 °C to +25 °C	6.8 to 7.2	360	Flip + S	Glass	200	250	6
1464810006	NaCl-Peptone Solution Buffered (LTH)	S	Peptone: 1 g NaCl: 4.3 g KH ₂ PO ₄ : 3.6 g Na ₂ HPO ₄ x 2 H ₂ O: 7.2 g Tween® 80: 30 mL Lecithin: 3 g Histidine: 1 g	ATCC 6538 ATCC 9027 ATCC 10231	+2 °C to +25 °C	6.8 to 7.2	360	Screw + 3L	Glass	1000	1000	6
1464820006	NaCl-Peptone Solution Buffered (LTH)	S	Peptone: 1 g NaCl: 4.3 g KH ₂ PO ₄ : 3.6 g Na ₂ HPO ₄ x 2 H ₂ O: 7.2 g Tween® 80: 30 mL Lecithin: 3 g Histidine: 1 g	ATCC 6538 ATCC 9027 ATCC 8739 ATCC 6633 ATCC 10231	+2 °C to +25 °C	6.8 to 7.2	360	Screw + 3L	Glass	450	500	6
1465220006		S						Screw + WN		90	275	6
1465710006		O						Screw + 3L		200	250	6
1464710006	NaCl-Peptone Solution Buffered (LTHTh)	S	Peptone: 1 g Na ₂ HPO ₄ : 7.23 g KH ₂ PO ₄ : 3.6 g NaCl: 4.3 g Lecithin: 3 g Tween® 80: 30 mL Histidine: 1 g Na-Thiosulfate: 5 g	ATCC 6538 ATCC 9027 ATCC 6633 ATCC 8739 ATCC 10231	+2 °C to +25 °C	6.8 to 7.2	360	Screw + WN	Glass	90	275	6
1463710006	NaCl-Peptone Solution Buffered (Tween® 0.1%)	S	Peptone: 1 g NaCl: 4.3 g KH ₂ PO ₄ : 3.6 g Na ₂ HPO ₄ x 2 H ₂ O: 7.2 g Tween® 80: 1 mL	ATCC 6633 ATCC 8739 ATCC 6538 ATCC 9027 ATCC 10231	+2 °C to +25 °C	6.8 to 7.2	360	Screw + WN	Glass	90	275	6
1463810006		S					540	Screw + 3L	Glass	1000	1000	6
1466510006	NaCl-Peptone Solution Buffered (Tween® 1%)	O	Peptone: 1 g NaCl: 4.3 g KH ₂ PO ₄ : 3.6 g Na ₂ HPO ₄ x 2 H ₂ O: 7.2 g Tween® 80: 10 mL	ATCC 6538 ATCC 9027 ATCC 10231	+2 °C to +25 °C	6.8 to 7.2	360	Screw + 3L	Glass	1000	1000	6
1466980006	NaCl-Peptone Solution Buffered (Tween® 1%)	O					360	Screw + 3L		500	500	6

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² Make to Stock (S) or Make to Order (O)

Typical Composition: The medium can be adjusted and/or supplemented according to the performance criteria required.

Bottles

Catalog No.	Product Name (Supplement)	S or O ²	Composition /L	Performance	Storage	pH	Shelf Life (days)	Cap Type ¹	Bottle	Filling Vol. (mL)	Bottle Size (mL)	Qty. per Pc.
1466810006	NaCl-Peptone Solution Buffered (Tween® 1%)	O	Peptone: 1 g NaCl: 4.3 g KH ₂ PO ₄ : 3.6 g Na ₂ HPO ₄ x 2 H ₂ O: 7.2 g Tween® 80: 10 mL	ATCC 6538 ATCC 9027 ATCC 10231 ATCC 8739	+2 °C to +25 °C	6.8 to 7.2	360	Screw + S	Glass	350	500	6
1467810006	NaCl-Peptone Solution Buffered (Tween® 1%)	O	Peptone: 1 g NaCl: 4.3 g KH ₂ PO ₄ : 3.6 g Na ₂ HPO ₄ x 2 H ₂ O: 7.2 g Tween® 80: 10 mL	ATCC 6538 ATCC 9027 ATCC 8739 ATCC 6633 ATCC 10231	+2 °C to +25 °C	6.8 to 7.2	360	Screw + S	Glass	200	250	6
1466140006	NaCl-Peptone Solution Buffered (Tween® 1%)	O	Peptone: 1 g NaCl: 8.5 g Polysorbate 80: 10 mL	ATCC 6538 ATCC 9027 ATCC 8739 ATCC 6633 ATCC 10231	+2 °C to +25 °C	6.9 to 7.3	360	Screw + 3L	Glass	250	250	6
1466820010	NaCl-Peptone Solution Buffered (Tween® 5%)	O	Peptone: 1 g NaCl: 4.3 g KH ₂ PO ₄ : 3.6 g Na ₂ HPO ₄ x 2 H ₂ O: 7.2 g Tween® 80: 50 mL	ATCC 6538 ATCC 9027 ATCC 10231 ATCC 8739	+2 °C to +25 °C	6.8 to 7.2	360	Screw + S	Glass	20	125	10
1467770006	Phosphate Buffer Solution	O	KH ₂ PO ₄ : 0.033 g Na ₂ CO ₃ : 0.0098 g	ATCC 6538 ATCC 9027 ATCC 10231	+2 °C to +25 °C	7.0 to 7.4	360	Screw + 3L	Glass	500	500	6
1468160010	Phosphate Buffer Solution	O	KH ₂ PO ₄ : 26.22 g Na ₂ CO ₃ : 7.78 g	ATCC 16404 ATCC 6633 ATCC 8739 ATCC 6538 ATCC 9027 ATCC 10231 ATCC 6017	+2 °C to +25 °C	7.0 to 7.4	180	Screw + 3L	Glass	100	125	10
1465920006	Phosphate Buffer Solution	O	NaH2PO4: 3.12 g Na ₂ HPO ₄ : 28.65 g	ATCC 6538 ATCC 9027 ATCC 6633 ATCC 10231 ATCC 8739	+2 °C to +25 °C	7.2 to 7.6	360	Screw + 3L	Glass	1000	1000	6
1465970006	PPLO Broth	O	Beef Heart, Inf.: 6 g NaCl: 5 g Peptone: 10 g	DSM 21448	+2 °C to +25 °C	7.6 to 8.0	120	Screw + 3L	Glass	500	1000	6
1466560006	Purified Water	O	Aqua Purificata	No fertility test	+2 °C to +25 °C	NA	360	Screw + 3L	Glass	800	1000	6
1466700010		O						Screw + 3L		100	125	10
1463130006	R2A Agar	S	Yeast Extract: 0.5 g K ₂ HPO ₄ : 0.3 g Proteose Peptone: 0.5 g MgSO ₄ : 0.024 g Casein Hydrolysate: 0.5 g Na-Pyruvate: 0.3 g Glucose: 0.5 g Agar: 15 g Starch: 0.5 g	ATCC 8739 ATCC 9027 ATCC 6633 ATCC 25416 ATCC 27511 ATCC 10231	+2 °C to +25 °C	7.0 to 7.4	300	Screw + 3L	Glass	200	250	6
1463930006	Sabouraud Dextrose (4%) Agar	S	Anim. Tissue (pept. digest): 5 g Casein Peptone (pancr. digest): 5 g Dextrose: 40 g Agar 15 g	ATCC 10231 ATCC 16404	+2 °C to +25 °C	5.4 to 5.8	270	Screw + 3L	Glass	200	250	6
1463940006	Sabouraud Dextrose (4%) Agar	S	Meat Peptone (pept. digest): 5 g Casein Peptone (pancr. digest): 5 g Dextrose: 40 g Chloramphenicol: 50 mg Agar: 15 g	ATCC 10231 ATCC 16404	+2 °C to +25 °C	5.4 to 5.8	270	Screw + 3L	Glass	200	250	6
1463920006	Sabouraud Dextrose Broth	S	Anim. Tissue (pept. digest): 5 g Casein Peptone (pancr. digest): 5 g Dextrose: 40 g Agar: 15 g	ATCC 10231 ATCC 16404	+2 °C to +25 °C	5.4 to 5.8	270	Screw + 3L	Glass	400	500	6
1463660010	Sabouraud Dextrose Broth	S	Peptic Digest of Animal Tissue: 5 g Pancreatic Digest of Casein: 5 g Dextrose: 20 g	ATCC 10231 DSM 70614 ATCC 24102 ATCC 28188	+2 °C to +25 °C	5.4 to 5.8	360	Screw + 3L	Glass	100	125	10

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Bottles

Catalog No.	Product Name (Supplement)	S or O ²	Composition /L	Performance	Storage	pH	Shelf Life (days)	Cap Type ¹	Bottle	Filling Vol. (mL)	Bottle Size (mL)	Qty. per Pc.
1466280006	Sterile Isopropyl Myristate (IPM)	S	Isopropylmyristate: >90% purest, acc. Pharm. Eur. gamma-irradiated	No fertility test	+15 °C to +25 °C	NA	180	Flip + S	Glass	360	500	6
1463750006	Tryptic Soy Agar	S	Pancreatic Digest of Casein: 15 g Papaic Digest of Soya Bean: 5 g NaCl: 5 g Agar: 15 g	ATCC 6538 ATCC 8739 ATCC 9027 ATCC 6633 ATCC 8739 ATCC 10231 ATCC 16404	+2 °C to +25 °C	7.1 to 7.5	360	Screw + 3L	Glass	400	500	6
1466260010	Tryptic Soy Agar (LTHTh)	O	Casein Peptone: 15 g Soy Peptone: 5 g NaCl: 5 g Agar: 15 g Polysorbate 80: 5 g Lecithin: 0.7 g Histidine: 0.5 g Na-Thiosulfate: 0.5 g	ATCC 8739 ATCC 9027 ATCC 6633 ATCC 6538 ATCC 10231 ATCC 16404	+2 °C to +25 °C	7.1 to 7.5	360	Screw + 3L	Glass	100	125	10
B311-150-S	Tryptic Soy Broth	O	Casein: 17 g Soy: 3 g Dextrose: 2.5 g Sodium Chloride: 5 g Dipotassium Phosphate: 2.5 g	ATTCC 6633 ATTCC 25922 ATTCC 9341 ATTCC 27853 ATTCC 9027 ATTCC 225923 ATCC 6538 ATTCC 12228 ATTCC 13048 ATTCC 12453 ATTCC 19404 ATTCC 14028 ATTCC 10231 ATTCC 16404	+2 °C to +25 °C	7.1 to 7.5	360	Screw + S	Plastic (PC)	150	300	12
STBMTSB12	Tryptic Soy Broth	S	Casein peptone: 17.0 g Soy peptone: 3 g Sodium chloride: 5 g Dibasic potassium phosphate: 2.5 g Monohydrated/Anhydrous dextrose: 2.5 g/2.3 g	ATCC 6633 ATCC 10231 ATCC 16404 ATCC 6538 ATCC 9027	+2 °C to +25 °C	7.1 to 7.5	360	Screw + S	Glass	100	125	12
STBMTSB12DP (double packed)		S						Screw + S		100	125	12
1466100006	Tryptic Soy Broth	O	Casein Peptone: 17 g Soy Peptone: 3 g Glucose * H ₂ O: 2.5 g K ₂ HPO ₄ : 2.5 g NaCl: 5 g	ATCC 6538 ATCC 9027 ATCC 6633 ATCC 10231 ATCC 16404	+2 °C to +25 °C	7.1 to 7.5	360	Flip + S	Glass	250	250	6
1464390020	Tryptic Soy Broth	O	Casein Peptone: 17 g Soy Peptone: 3 g Glucose: 2.5 g Meat Peptone: 0.5 g Tween® 80: 15 g Histidine: 0.5 g NaCl: 5 g KH ₂ PO ₄ : 4.3 g Na ₂ HPO ₄ : 3.6 g Cysteine: 1.449 g Lecithin: 1.5 g	ATCC 6538 ATCC 8739 ATCC 9027 ATCC 6633 ATCC 10231 ATCC 16404	+2 °C to +25 °C	7.1 to 7.5	270	Screw + 3L	Glass	180	250	20
1465910006	Tryptic Soy Broth	O	Casein Peptone: 17 g K ₂ HPO ₄ : 2.5 g Soy Peptone: 3 g NaCl: 5 g Glucose: 2.5 g	ATCC 6538 ATCC 9027 ATCC 8739 ATCC 6633 ATCC 10231 ATCC 16404	+2 °C to +25 °C	7.1 to 7.5	360	Screw + S	Glass	900	1000	6
1463420006		S					360	Screw + S		750	1000	6

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Bottles

Catalog No.	Product Name (Supplement)	S or O ²	Composition /L	Performance	Storage	pH	Shelf Life (days)	Cap Type ¹	Bottle	Filling Vol. (mL)	Bottle Size (mL)	Qty. per Pc.
1463800010	Tryptic Soy Broth	S	Pancreatic Digest of Casein: 17 g Papaic Digest of Soya Bean Meal: 3 g Sodium Chloride: 5 g Dipotassium Hydrogen Phosphate: 2.5 g Glucose Monohydrate: 2.5 g	ATCC 6538 ATCC 9027 ATCC 6633 ATCC 1023 ATCC 16404	+2 °C to +25 °C	7.1 to 7.5	360	Screw + S	Glass	100	125	10
1466160006		O					300	Screw + WN		135	275	6
1463170010		S					360	Flip + S		100	100	10
1463170070		O					360	Flip + S		100	100	70
1463340006		S					300	Screw + WN		90	275	6
1463340030		O					300	Screw + WN		90	275	30
1463350006		S					360	Screw + 3L		100	250	6
1463570006		S					360	Screw + WN		100	275	6
1463790006		S					360	Screw + 3L		1000	1000	6
1464580010		S					360	Screw + 3L		100	125	10
1464580070		O					360	Screw + 3L		100	125	70
1465620006		O					360	Flip + S		500	500	6
1468180006		O					360	Screw + S		450	500	6
1464100006	Tryptic Soy Broth (2x concentrated)	O	Casein Peptone: 34 g Soy Peptone: 6 g Glucose: 5 g K ₂ HPO ₄ : 5 g NaCl: 10 g	ATCC 6538 ATCC 9027 ATCC 6633 ATCC 8739 ATCC 10231 ATCC 16404	+2 °C to +8 °C	7.1 to 7.5	360	Screw + 3L	Glass	100	250	6
B451-100	Tryptic Soy Broth (0.5% Lecithin, 4%Polysorbate 20)	O	Casein: 17 g Soy Peptone: 3 g Glucose: 2.5 g Sodium Chloride: 5 g Potassium phosphate dibase: 2.5 g Lecithin: 5 g 20Polysorbate: 40 g	ATTCC 6538 ATTCC 9027 ATTCC 6633 ATTCC 10231 ATTCC 16404	+2 °C to +25 °C	7.1 to 7.5	360	Screw + S	Plastic (PC)	100	125	12
1464390006	Tryptic Soy Broth (LTH)	O	Casein Peptone: 17 g Soy Peptone: 3 g Glucose: 2.5 g Meat Peptone: 0.5 g Tween® 80: 15 g Histidine: 0.5 g NaCl: 5 g KH ₂ PO ₄ : 4.3 g Na ₂ HPO ₄ : 3.6 g Cysteine: 1.449 g Lecithin: 1.5 g	ATCC 6538 ATCC 8739 ATCC 9027 ATCC 6633 ATCC 8739 ATCC 10231 ATCC 16404	+2 °C to +25 °C	7.1 to 7.5	270	Screw + 3L	Glass	180	250	6
1464930006	Tryptic Soy Broth (LTH)	O	Pancreatic Digest of Casein: 17 g Papaic Digest of Soya Bean Meal: 3 g NaCl: 5 g Glucose x H2O: 2.5 g Lecithin: 3 g K ₂ HPO ₄ : 2.5 g Tween® 80: 30 mL Histidine: 1 g	ATCC 6538 ATCC 9027 ATCC 6633 ATCC 10231 ATCC 8739 ATCC 16404	+2 °C to +25 °C	7.1 to 7.5	360	Screw + 3L	Glass	1000	1000	6
1466400006	Tryptic Soy Broth (TLHC)	O	Casein Peptone: 17 g Soy Peptone: 3 g NaCl 5 g Phosph. Buffer: 2.5 g Glucose: 2.5 g Polysorbate 80: 30 mL Lecithin: 3 g Histidine: 1 g Cysteine: 1 g	ATCC 6538 ATCC 9027 ATCC 10231	+2 °C to +25 °C	7.1 to 7.5	360	Screw + 3L	Glass	250	250	6
1468510006	Tryptic Soy Broth (Tween® 0.1%)	O	Casein Peptone: 17 g K ₂ HPO ₄ : 2.5 g Soy Peptone: 3 g NaCl: 5 g Glucose: 2.5 g Polysorbate 80: 1 mL	ATCC 6538 ATCC 9027 ATCC 8739 ATCC 6633 ATCC 10231 ATCC 16404	+2 °C to +25 °C	7.1 to 7.5	360	Flip + S	Glass	1000	1000	6
1463760006		O						Screw + 3L		1000	1000	6
1467140010	Tryptic Soy Broth (Tween® 0.5%)	O	Pancreatic Digest of Casein: 17 g Papaic Digest of Soya Bean Meal: 3 g Sodium Chloride: 5 g Dipotassium Hydrogen Phosphate: 2.5 g Glucose Monohydrate: 2.5 g Polysorbate 80: 5 mL	ATCC 6538 ATCC 9027 ATCC 6633 ATCC 10231 ATCC 16404	+2 °C to +25 °C	7.1 to 7.5	270	Flip + S	Glass	100	125	10
1468020006		O					360	Screw + S		400	500	6

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Bottles

Catalog No.	Product Name (Supplement)	S or O ²	Composition /L	Performance	Storage	pH	Shelf Life (days)	Cap Type ¹	Bottle	Filling Vol. (mL)	Bottle Size (mL)	Qty. per Pc.
1465670012	Tryptic Soy Broth (Tween® 1%)	O	Casein Peptone: 20 g Soy Peptone: 3.5 g Glucose: 2.9 g K ₂ HPO ₄ : 2.9 g NaCl: 5.9 g Tween® 80: 11.8 g	ATCC 6538 ATCC 9027 ATCC 6633 ATCC 10231 ATCC 16404	+2 °C to +25 °C	7.1 to 7.5	360	Screw	Glass	850	1000	12
1466690006	Tryptic Soy Broth (Tween® 1%)	O	Pancreatic digest of casein: 17 g Papaic digest soya-bean meal: 3 g Sodium chloride: 5 g Dipotassium hydrogen phosphate: 2.5 g Glucose monohydrate: 2.5 g Tween® 80: 10 mL	ATCC 6538 ATCC 9027 ATCC 6633 ATCC 10231 ATCC 16404	+2 °C to +25 °C	7.1 to 7.5	360	Screw + S	Glass	500	500	6
1464920010	Tryptic Soy Broth TLHC (inactivator B)	S	Casein Peptone: 17 g Soy Peptone: 3 g NaCl: 5 g Phosph. Buffer: 2.5 g Glucose Monohydrate: 2.5 g Polysorbate 80: 30 mL Lecithin: 3 g Histidine: 1 g Cysteine: 1 g	ATCC 6538 ATCC 9027 ATCC 6633 ATCC 8739	+2 °C to +25 °C	7.1 to 7.5	360	Screw + 3L	Glass	90	125	10
1468500006	Tryptone Azolectin (TAT) Broth	O	Casein peptone Trypt: 20.0 g/L Soy Lecithin: 5.0 g/L Tween® #20 for molecular biology: 40 mL g/L	ATCC 25922 ATCC 10145 ATCC 13311 ATCC 25923	+2 °C to +25 °C	7.0 to 7.4	360	Screw + S	Glass	200	250	6

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Tubes

Catalog No.	Product Name (Supplement)	S or O ³	Composition /L	Performance	Storage	PH	Shelf Life (days)	Catalog No.	Cap Type ¹	Shape	Filling Vol. (mL)	Size (mL)	Qty. per Pc.
F430-09	Butterfields Phosphate Buffer	S	Potassium Phosphate Monobasic: 1 g Sodium Phosphate Dibasic: 3.25 g	N/A	+2 °C to +25 °C	7.0 to 7.4	360	F430-09	Flip Top	Plastic Vial	9	12	100
F430-90		S						F430-90			90	120	50
F430-99		S						F430-99			99	120	50
1462200100	Fluid Thioglycollate Medium	S	Casein Peptone: 15 g Yeast Extract: 5 g NaCl: 2.5 g Glucose Anhydrous: 5 g Sodium-Thioglycolate: 0.5 g L-Cystine: 0.5 g Resazurin: 1 mg Agar: 0.75 g	ATCC 19404 ATCC 11437 ATCC 6538 ATCC 9027	+2 °C to +25 °C	6.9 to 7.3	180	1462200100	Screw + 2L	Tube	9	17	100
1462240100		O						1462240100			15	25	100
1461390100	Fluid Thioglycollate Medium	S	Casein Peptone: 15 g Yeast Extract: 5 g Glucose Anhydrous: 5 g Sodium-Thioglycolate: 0.5 g L-Cystine: 0.5 g Resazurin: 1 mg Agar: 0.75 g Sodium Chloride: 2.5 g	ATCC 6538 ATCC 9027 ATCC 11437 ATCC 19404	+2 °C to +25 °C	6.9 to 7.3	180	1461390100	Screw + 2L	Tube	10	17	100
1463270100	NaCl Peptone Broth	S	Casein Peptone: 1 g Sodium Chloride: 8.5 g	ATCC 6538 ATCC 9027 ATCC 8739 ATCC 6633 ATCC 10231	+2 °C to +25 °C	6.5 to 7.5	360	1463270100	Screw + 2L	Tube	9	17	100
1461410020	NaCl Peptone Buffer	S	Peptone: 1 g KH ₂ PO ₄ : 3.6 g Na ₂ HPO ₄ . 2H ₂ O: 7.2 g NaCl: 4.3 g	ATCC 6538 ATCC 9027 ATCC 8739 ATCC 6633 ATCC 10231	+2 °C to +25 °C	6.8 to 7.2	360	1461410020	Screw + 2L	Tube	9.9	17	20
1461960100		S						1461960100			9	17	100
1461750100	NaCl Peptone Buffer (LTH)	S	Peptone: 1 g Lecithin: 3 g K ₂ HPO ₄ : 3.6 g Tween 80: 30 g Na ₂ HPO ₄ . 2H ₂ O: 7.2 g Histidine: 1 g Sodium Chloride: 4.3 g	ATCC 6538 ATCC 8739 ATCC 9027 ATCC 10231 ATCC 8739 ATCC 6633 ATCC 19404	+2 °C to +25 °C	6.8 to 7.2	360	1461750100	Screw + 2L	Tube	9	17	100
1461930100	NaCl Solution (phys.)	S	Sodium Chloride 9 g	ATCC 6538 ATCC 8739	+2 °C to +25 °C	6.5 to 7.5	360	1461930100	Screw + 2L	Tube	9	17	100
1462170100								1462170100			10	17	100
1462890100	Nutrient Agar	S	Meat Peptone: 10 g Sodium Chloride: 5 g Meat Extract: 10 g Agar: 16 g	ATCC 6538 ATCC 8739 ATCC 9027 ATCC 12344 ATCC 19433	+2 °C to +25 °C	7.1 to 7.5	360	1462890100	Screw + 2L	Tube	18	25	100
1463030100	Sabouraud Dextrose Agar	S	Animal Tissue (pept. digest): 5 g Casein Peptone (pancr. digest): 5 g Dextrose: 40 g Agar: 15 g	ATCC 10231 ATCC 9763 ATCC 16404	+2 °C to +25 °C	5.4 to 5.8	360	1463030100	Screw + 2L	Tube	18	25	100
1464290020	Tryptic Soy Agar	S	Pancreatic Digest of Casein: 15 g Papaic Digest of Soya Bean: 5 g Sodium Chloride: 5 g Agar: 15 g	ATCC 6538 ATCC 9027 ATCC 8739 ATCC 6633 ATCC 10231 ATCC 16404	+2 °C to +25 °C	7.1 to 7.5	360	1464290020	Screw + 2L	Tube	18	25	20
1464290100		S						1464290100					100
1462840100	Tryptic Soy Broth	O	Casein Peptone: 8.5 g NaCl: 2.5 g Soy Peptone: 1.5 g K ₂ HPO ₄ : 1.25 g Glucose: 1.25 g	ATCC 6538 ATCC 8739 ATCC 9027 ATCC 6633 ATCC 10231 ATCC 16404	+2 °C to +25 °C	7.1 to 7.5	360	1462840100	Screw + 2L	Tube	9	12	100

¹ Screw + 2L = Screw cap 2 loci
² Screw + S = Screw cap with septum
³ Make to Stock (**S**) or Make to Order (**O**)

Tubes

Catalog No.	Product Name (Supplement)	S or O ³	Composition /L	Performance	Storage	PH	Shelf Life (days)	Catalog No.	Cap Type ¹	Shape	Filling Vol. (mL)	Size (mL)	Qty. per Pc.
1462060100	Tryptic Soy Broth	O	Pancreatic Digest of Casein: 17 g Papaic Digest of Soya Bean Meal: 3 g Sodium Chloride: 5 g Dipotassium Hydrogen Phosphate: 2.5 g Glucose Monohydrate: 2.5 g	ATCC 6633 ATCC 10231 ATCC 16404	+2 °C to +25 °C	7.1 to 7.5	360	1462060100	Screw + 2L	Tube	15	25	100
1464320100		S		ATCC 6633 ATCC 6538 ATCC 9027 ATCC 7953 ATCC 16404 ATCC 10231	+2 °C to +25 °C	7.1 to 7.5	360	1464320100	Screw + 2L	Tube	9	17	100
1462830020	Tryptic Soy Broth (LTHTh)	S	Casein Peptone: 17 g Histidine: 1 g Soy Peptone: 3 g Polysorbate 80: 30 mL Glucose: 2.5 g Lecithin: 3 g K ₂ HPO ₄ : 2.5 g Sodium-Thiosulfate: 5 g Sodium Chloride: 5 g	ATCC 6538 ATCC 8739 ATCC 9027 ATCC 6633	+2 °C to +25 °C	7.1 to 7.5	360	1462830020	Screw + 2L	Tube	10	17	20
1462830100		S						1462830100					100

¹ Screw + 2L = Screw cap 2 loci
² Screw + S = Screw cap with septum
³ Make to Stock (S) or Make to Order (O)

Literature and Pharmacopeia References

1. European Pharmacopoeia 11.0 (2023): 2.6.1. Sterility.
2. Guidance for Industry (2004): Sterile Drug Products Produced by Aseptic Processing - Current Good Manufacturing Practice. PDA Technical Report No. 13 (2014 Revised): Fundamentals of an Environmental Monitoring Program.
3. United States Pharmacopoeia 43 (2021): <71> Sterility Tests.
4. European Pharmacopeia, 2.6.1 Sterility, 2.6.12 & 2.6.13. Microbiological examination of non-sterile products
5. United States Pharmacopeia, <71> Sterility tests, <61> & <62> Microbiological examination of non-sterile products; <1227> Validation of microbial recovery from pharmacopeial articles
6. Japanese Pharmacopeia, 4.06 Sterility test

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