For reliable sterility testing
TRUST THE PIONEERS
Complete sterility testing solutions for complete confidence.
Sterility testing is an essential part of validation for products manufactured according to GMP purporting to be sterile.

Configure your Steritest™ system to fit your sample, packaging, and controlled testing environment needs. Our large variety of devices and pumps, along with sterile culture media and rinsing fluids can help you to stay compliant, whether you use membrane filtration or direct inoculation methods.
EASY WORKFLOW
In a 6-step procedure

Place Steritest™ NEO device tubing in pump head* and push button to automatically close the pump head cover.

* New placement mark on the tubing for precise pump head positioning
Pre-wet the Steritest™ NEO device to optimize filtration, conditioning the membrane.
An equal amount of the product will be filtered into each canister through the sterile Steritest™ NEO tubing.
EASY WORKFLOW
In a 6-step procedure

1. **Test Preparation**
2. **Filter Pre-wetting**
3. **Sample Filtration**
4. **Device Rinsing**
5. **Media Transfer**
6. **Reading**

Rinse product from both canisters.
Pump media into each canister separately, using clamps to divert media to a single canister.
In a 6-step procedure

Test Preparation
Filter Pre-wetting
Sample Filtration
Device Rinsing
Media Transfer
Reading

Incubate and examine the Steritest™ NEO canisters for growth in accordance with the appropriate pharmacopoeias.
OUR PIONEERING HISTORY

1975
First Steritest™ unit

1985
New sealing technique & MCE membrane

1986
PVDF Membrane

1988
Steritest™ Compact Pump

1994
Steritest™ device for oily samples

1994
Steritest™ Integral Pump

2004
Steritest™ Equinox Pumps

2014
Steritest™ Symbio Pumps

2012
Double packed media

2012
More choice of media & fluids

2010
New media & fluid bottles

2005
Steritest™ EZ Devices

2018 & 2019
Steritest™ NEO Device

2016
Complete range of Steritest™ accessories
1975

The first Steritest™ device is launched by Millipore Corporation

- A closed filtration device prevents external contamination (false positive results).
- The cellulose filter membrane with hydrophobic edge is pinched between canister top and base.
- The needle allows to sample the product out of the sterile vial the same way as the nurse or doctor would take the product out with a syringe.
1985

The Steritest™ device with welded canister and MCE membrane (Blue base)

Sealing Technique:
- Membrane heat sealing on base
- Ultrasonic welding of top on base

Avoids:
- Capillary diffusion of inhibitory products on the edges
- Usage of hydrophobic edge
The Steritest™ device
with PVDF membrane (Red base)

- The PVDF (Polyvinylidene fluoride) filter has low binding properties.
- The red base device is recommended to test products containing antibiotics or preservatives.
- Optimized filter support improves membrane rinsing.
- The ultrasonic welding prevents antibiotic diffusion on the membrane edge.
1988

The Steritest™ Compact pump

The flat design improves ergonomics in laminar flow hoods.
The pump is integrated inside the isolator table, is compatible with decontamination gases – vaporized hydrogen peroxide (VHP), and peracetic acid.
The Steritest™ device for oily samples (Green base)

- The canister material (grilamid) is compatible with a wide range of solvents, especially IPM (Isopropyl myristate) used to dilute creams, ointments, and veterinary vaccines.
- The tubing is inserted inside the canister chimney for highest resistance to pressure created by viscous products.
The Steritest™ Equinox pumps

- The automatic pump head closing improves operator safety.
- The pressure sensors alert the operator if pressure increases inside the canisters.
- The “Automatic Mode” displays the test methods on the screen.
The Steritest™ EZ devices

- Pre-assembled clamps
- Longer tubing
- Black line on tubing to differentiate canisters
- Lot number and expiry date etched on each canister
- Improved needle adapters
- Winged red and yellow plugs for easier handling
New culture media and rinsing fluids bottles

- A large and rimless septum allows easy piercing and prevents decontamination agents entering while piercing.
- No risk of false positives and false negative results.
The double-packed culture media and rinsing fluids

- Double Tyvek® bag and bottle surface sterilized by ethylene oxide, including septum and protective cap.
- 2-step unpacking prevents false positives and false negatives caused by improper decontamination procedures.
2012

More choice of culture media and rinsing fluids

- New lid types
- Wide range of bottle sizes (from 9 mL tube to 1 L bottles)
- Customization possibilities
2014

The Steritest™ Symbio pumps

- Sterility testing becomes easier than ever.
Complete range of Steritest™ accessories
Streamline your workflow and increase safety with smart accessories.

Sample Handling
- SYMBSVB01 Steritest™ Holder for Steridilutor® NEO Vent Chamber
- SYMBABR01 Steritest™ Glass Ampoule Breaker
- SYMBSVB01 Steritest™ Holder for Sterile Bags

Filtration
- SYMBSYS01 Steritest™ Syringe Support

Waste Management
- SYMBWFS01 Steritest™ Waste Overfilling Sensor for Solid Containers

Transport and Incubation
- SYMBCAN08 Steritest™ Canister carrying trays and SYMBRACK2 Steritest™ Rack
Let us introduce the fourth generation of Steritest™ devices. Created to improve your workflow safety, reliability and convenience.

**Evolution of Safety**

**Evolution of Convenience**

**Evolution of Reliability**
Our Steritest™ NEO devices simplify every aspect of testing, from handling to traceability, all within a closed system. The ease and convenience of this closed assembly enables you to increase productivity while maintaining the highest levels of quality and reliability. When used with the Steritest™ Symbio pump, specific accessories and high quality culture media and rinsing fluids, the Steritest™ sterility test system offers an optimized and fully regulatory compliant testing process (USP <71>, EU Pharmacopoeia < 2.6.1> and JP Pharmacopoeia <4.06>).

**TRUST THE PIONEERS**

Since 1974, we have been the market leader in sterility testing. Our Steritest™ NEO devices set a new standard for excellence, while maintaining all the advantages of our thermo-sealed filtration membrane assembly.
Benefits

- Filtration membranes are thermo sealed onto the base for all of our Steritest™ NEO units. This ensures full integrity of the device and efficient membrane rinsing while eliminating the risk of by-pass.
- Quality: 100% integrity testing and visual checks on every canister, along with strict physical and microbiological tests at every step.
- Ergonomically designed needles fit the majority of test containers while maintaining a closed concept system.
- Pre-installed colored clamps prevent any media filling errors and improve your workflow.
- Canister design reduces foaming, enabling faster filtration.
- Engraved information on each canister and peel-and-stick box label optimize traceability.
- Volume graduation on the canisters improve your workflow accuracy (addition of a 25 mL graduation mark).
- Pre-cut line on accessory bag to ease the opening.
- Placement mark on tubing to ease the placement in the pump head.

• Volume graduation on the canisters improve your workflow accuracy (addition of a 25 mL graduation mark)
New features of the 4th generation of Steritest™ devices

Feel flexible:
protective caps for long needles are now in 2 parts
The protective cap in 2 parts gives access to either a short (35 mm) or a long (60 mm) needle designed to fit your sample packaging configuration. Color-coded protectors help you to differentiate the needle type once covered.

Feel calm:
a brand new short needle for small sample containers
Experience dexterity with the new 20 mm length needle when piercing cartridges or small soft plastic containers, without compromising the flow rate.

Feel free:
upgraded accessory bag
Simplified opening of the accessory bag improves your workflow convenience thanks to the pre-cut line.

Feel comfortable:
new placement mark
Be sure to place the Steritest™ NEO tube in the pump head precisely by using the new placement mark.
New features of the 4th generation of Steritest™ devices

Feel flexible: protective caps for long needles are now in 2 parts giving access to a short or long needle.

- **EVOLUTION OF CONVENIENCE**
- **EVOLUTION OF SAFETY**
- **EVOLUTION OF RELIABILITY**
New features of the 4th generation of Steritest™ devices

EVOLUTION OF CONVENIENCE  EVOLUTION OF SAFETY  EVOLUTION OF RELIABILITY

Feel calm: a brand new short needle for small sample containers
New features of the 4th generation of Steritest™ devices

Feel free: easy to open accessory bag
New features of the 4th generation of Steritest™ devices

Feel comfortable: new placement mark optimizing the position of the tube in the pump head
New features of the 4th generation of Steritest™ devices

Feel confident: colored clamps
Prevent any filling errors and improve your workflow clarity, thanks to the pre-installed colored clamps and the existing blackline for accurate media filling.

Feel safer: new designed needle guard and needle protector
Grips on the guard and ridges on the protector improve the confidence in needle manipulation.
New features of the 4th generation of Steritest™ devices

**EVOLUTION OF CONVENIENCE**  **EVOLUTION OF SAFETY**  **EVOLUTION OF RELIABILITY**

Feel confident: colored clamps
New features of the 4th generation of Steritest™ devices

EVOLUTION OF CONVENIENCE

Feel safer: newly designed needle guard and needle protector

EVOLUTION OF SAFETY

EVOLUTION OF RELIABILITY

Complete Sterility Testing Offer
New features of the 4th generation of Steritest™ devices

**EVOLUTION OF CONVENIENCE**

**Feel peaceful:**
optimized identification and traceability

Clear packaging identification: The selection of the appropriate box of Steritest™ NEO devices is facilitated thanks to the new designed label using color coding linked to canister base color and using a needle/application drawing.

1D bar code associated to critical information and peel-and-stick label to place in a lab notebook for accurate tracking.

**EVOLUTION OF SAFETY**

**Feel sure:**
volume graduation on the canisters

Be precise and improve your workflow accuracy through the addition of a 25 mL graduation line and volume engraved in the Steritest™ NEO canisters.
New features of the 4th generation of Steritest™ devices

**EVOLUTION OF CONVENIENCE**  **EVOLUTION OF SAFETY**  **EVOLUTION OF RELIABILITY**

Feel peaceful: optimized identification and traceability

![Image of Steritest™ NEO new features](image_url)
New features of the 4th generation of Steritest™ devices

**EVOLUTION OF CONVENIENCE**

**EVOLUTION OF SAFETY**

**EVOLUTION OF RELIABILITY**

Feel sure: volume graduation on the canisters

![Canisters with volume graduation](image-url)
Video
Steritest™ NEO devices: new features
Video
Steritest™ NEO devices for cartridges and small soft plastic containers
## Specifications

### Steritest™ NEO “Red Base” devices
- for antibiotics, products WITH antimicrobial agents and medical devices
- **Canister Base Color**: Red
- **Canister Base Membrane**: Low adsorption Durapore® membrane (HV), 0.45 μm hydrophilic PVDF
- **Materials of Construction**:
  - Filtration Chamber (Canister): Stainless steel and polyamide 6-6
  - Double Lumen Tubing: Styrene acrylonitrile (SAN)
  - Needle: Stainless steel and polyamide 6-6
- **Sample Container Capacity**: 120 mL (graduation marks at 25, 50, 75 and 100 mL)
- **Minimum Flow Rate (for water)**: 300 mL/min at 690 mbar (10 psi)
- **Maximum Temperature**: 45 °C
- **Maximum Operating Pressure**: 3.15 bars at 25 °C (45 psi at 77 °F)
- **Sterilization**: Gamma irradiation
- **Ordering Information**: Click here

### Steritest™ NEO “Blue Base” devices
- for products WITHOUT antimicrobial agents and medical devices
- **Canister Base Color**: Blue
- **Canister Base Membrane**: Mixed Esters of Cellulose (HA) membrane, 0.45 μm
- **Materials of Construction**:
  - Filtration Chamber (Canister): PVC, 850 mm length
  - Double Lumen Tubing: Styrene acrylonitrile
  - Needle: Stainless steel and polyamide 6-6
- **Sample Container Capacity**: 120 mL (graduation marks at 25, 50, 75 and 100 mL)
- **Minimum Flow Rate (for water)**: 300 mL/min at 690 mbar (10 psi)
- **Maximum Temperature**: 45 °C
- **Maximum Operating Pressure**: 3.15 bars at 25 °C (45 psi at 77 °F)
- **Sterilization**: Gamma irradiation
- **Ordering Information**: Click here

### Steritest™ NEO “Green Base” devices
- for products dissolved in solvents requiring increased chemical compatibility
- **Canister Base Color**: Green
- **Canister Base Membrane**: Low adsorption Durapore® membrane (HV), 0.45 μm hydrophilic PVDF
- **Materials of Construction**:
  - Filtration Chamber (Canister): Stainless steel and polyamide 6-6
  - Double Lumen Tubing: PVC, 850 mm length
  - Needle: Stainless steel and polyamide 6-6
- **Sample Container Capacity**: 120 mL (graduation marks at 25, 50, 75 and 100 mL)
- **Minimum Flow Rate (for water)**: 300 mL/min at 690 mbar (10 psi)
- **Maximum Temperature**: 45 °C
- **Maximum Operating Pressure**: 3.15 bars at 25 °C (45 psi at 77 °F)
- **Sterilization**: Gamma irradiation
- **Ordering Information**: Click here
Regulations

The membrane filtration sterility test is the regulatory method of choice for filterable pharmaceutical products, as cited in the USP <71>, EU Pharmacopoeia <2.6.1> and JP Pharmacopoeia <4.06>.
Using Steritest™ NEO devices ensures that pharmaceutical products are never exposed to the environment during the testing process. Sampling, filtering, rinsing, media transfer and incubation are all conducted within the Steritest™ NEO closed system.

Minimize false positives: closed Steritest™ NEO filtration devices reduce the risk of false positive results avoiding a costly investigation or possible batch loss. There are no open containers or membrane manipulations, decreasing the risk of adventitious contamination.

Reduce false negatives: Steritest™ NEO filtration devices are the right answer to the danger that false negative results pose to patients. Through specific membranes, unique sealing technology and optimized device design, the unit allows efficient elimination of bacteriostatic, fungistatic or bactericidal agents.
**Consistent Performance**

- We rigorously test each device during and after manufacturing.
- 100% integrity testing on every canister
- 100% visual check on every canister
- Strict physical and microbiological tests at every step of the assembly of the Steritest™ NEO device prior to release from manufacturing
- Certificate of Quality provided with each system for your batch records
- Easy traceability with catalogue number, lot number, serial number and expiration date engraved on each canister
Certificates of Quality

Each Steritest™ NEO device is subjected to rigorous in-process and release quality checks including 100% membrane and canister integrity tests as well as intense physical and microbiological testing. The detailed Certificates of Quality are available for download from our website.
We have compiled comprehensive Steritest™ Qualification Reports (available upon request) that confirms Steritest™ NEO device performance.
Steritest™ NEO Double-Packed,
Gamma Sterilized Sterility Testing Device

FEATURES
- Gamma sterilized and double packed for quick transfer into sterility testing environments, simplifying decontamination procedures and saving time.
- Sealed bag provides optimum decontamination of the outer bag and easy bag opening.
- Outer packaging materials ensure complete integrity of the bags during transportation, minimizing risk of piercing or damage.
- Primary blister packaging can be hung or stacked within the testing environment, minimizing the test area requirements.

DOUBLE PACKAGING SAVES TIME

Learn more
Steritest™ NEO Double-Packed,
Gamma Sterilized Sterility Testing Device

DOUBLE PACKAGING SAVES TIME

Steritest™ NEO devices are packed to ensure optimum cleanliness. The double packaging allows operators to open the outer bag in a clean room and bring the sterile package into a laminar flow hood or isolator environment. A tear primer on the outer bag enables gloved operators to open the outer bag easily, eliminating the use of scissors. This simplified decontamination procedure saves operator time by reducing cleaning steps.

Transfer of Steritest™ NEO Double-packed Devices into a Laminar Flow Hood

Unclassified Room

Bag decontamination

Bag with perfect cut sealing for an optimal decontamination.

Classified Room

Bag opening and transfer of devices

Transfer of sterile devices into the LFH results in time savings.
**Steritest™ NEO “Blue Base” devices**
for products WITHOUT antimicrobial agents and medical devices

Perfect for the majority of pharmaceutical drugs that do not have antimicrobial activity, our HA mixed cellulose esters membrane allows fast flow rates for optimum throughput performance.

**Steritest™ NEO “Green Base” devices**
for products dissolved in solvents requiring increased chemical compatibility

Perfect for viscous products, such as creams and ointments, which are normally diluted in a sterile solvent, such as isopropyl myristate (IPM) to improve filterability.

**Steritest™ NEO “Red Base” devices**
for antibiotics, products WITH antimicrobial agents and medical devices.

Perfect for antibiotic sample testing, this device incorporates our HV Durapore® (PVDF) membrane, offering broad chemical compatibility and low binding properties.

**Accessories** for sample preparation and dilution.
Tubing and needle assembly to dissolve powders, or for the transfer of liquids, or sterile vent needles
## Ordering Information

### Steritest™ NEO “Blue Base” Devices
for products WITHOUT antimicrobial agents and medical devices

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**DP** = Double Packed
Steritest™ NEO “Blue Base” Devices
for products WITHOUT antimicrobial agents and medical devices

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Steritest™ NEO Devices for Liquids in Ampoules (TZHALA210)

- Single needle for easy access to ampoules
- Separate vent needle

**Canister Base Membrane**: Mixed Esters of Cellulose (HA) membrane, 0.45 μm

**Materials of Construction**
- Shell made of PET
- Cover made of Tyvek® paper
- Styrene acrylonitrile (SAN)
- PVC, 850 mm length
- Stainless steel and polyamide 6-6

**Sample Container Capacity**: 120 mL (graduation marks at 25, 50, 75 and 100 mL)

**Minimum Flow Rate (for water)**: 300 mL/min at 690 mbar (10 psi)

**Maximum Temperature**: 45 °C

**Maximum Operating Pressure**: 3.15 bars at 25 °C (45 psi at 77 °F)

**Sterilization**: Gamma irradiation

Order Now

Request a Quote
Steritest™ NEO “Blue Base” Devices
for products WITHOUT antimicrobial agents and medical devices

Steritest™ NEO Devices for Liquids in Ampoules - Double-Packed (TZHALA205)
- Single needle for easy access to ampoules
- Separate vent needle
- Double-packed for quick transfer into sterility testing environments

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Steritest™ NEO Devices for Liquids in Plastic Containers TZHAPC210

Steritest™ NEO Devices for Medical Devices and Collapsible Bags TZHAM210

Steritest™ NEO Devices for Liquids in Syringes TZHASY210

Steritest™ NEO Devices for Soluble Powders in Vials TZHADV205

Steritest™ NEO Devices for Soluble Powders in Ampoules TZHADA210

Steritest™ NEO Devices for Liquids in Small Vials TZHASV205

Steritest™ NEO Devices for Liquids in Collapsible Bags TZHALA205

Steritest™ NEO Devices for Liquids in Large Vials TZHALV205

Canister Base Membrane
- Mixed Esters of Cellulose (HA) membrane, 0.45 μm

Materials of Construction
- Outer bag: Multilayer 170 μm film (polyamide + polyethylene derivative)
- Primary blister: Shell made of PET, Cover made of Tyvek® paper
- Filtration Chamber (Canister): Styrene acrylonitrile (SAN)
- PVC, 850 mm length
- Needle: Stainless steel and polyamide 6-6

Sample Container Capacity
- 120 mL (graduation marks at 25, 50, 75 and 100 mL)

Minimum Flow Rate (for water)
- 300 mL/min at 690 mbar (10 psi)

Maximum Temperature
- 45 °C

Maximum Operating Pressure
- 3.15 bars at 25 °C (45 psi at 77 °F)

Sterilization
- Gamma irradiation

Order Now
## Steritest™ NEO “Blue Base” Devices
for products WITHOUT antimicrobial agents and medical devices

### Application
Steritest™ NEO Devices for Liquids in Ampoules
Steritest™ NEO Devices for Liquids in Collapsible Bags
Steritest™ NEO Devices for Liquids in Large Vials
Steritest™ NEO Devices for Liquids in Small Vials
Steritest™ NEO Devices for Liquids in Soluble Powders in Vials
Steritest™ NEO Devices for Medical Devices and Collapsible Bags
Steritest™ NEO Devices for Liquids in Syringes
Steritest™ NEO Devices for Liquids in Plastic Containers

### Steritest™ NEO Devices for Liquids in Collapsible Bags (TZHALA210)
- Single needle for easy access to collapsible bags
- Separate vent needle

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### Specifications
- **Canister Base Membrane**: Mixed Esters of Cellulose (HA) membrane, 0.45 μm
- **Materials of Construction**:
  - Shell made of PET, Cover made of Tyvek® paper
  - PVC, 850 mm length
- **Sample Container Capacity**: 120 mL (graduation marks at 25, 50, 75 and 100 mL)
- **Minimum Flow Rate (for water)**: 300 mL/min at 690 mbar (10 psi)
- **Maximum Temperature**: 45 °C
- **Maximum Operating Pressure**: 3.15 bars at 25 °C (45 psi at 77 °F)
- **Sterilization**: Gamma irradiation

### Ordering Information
- **Ordering Information**
  - Canister Base Membrane: Mixed Esters of Cellulose (HA) membrane, 0.45 μm
  - Materials of Construction:
    - Shell made of PET, Cover made of Tyvek® paper
    - PVC, 850 mm length
- **Sample Container Capacity**: 120 mL (graduation marks at 25, 50, 75 and 100 mL)
- **Minimum Flow Rate (for water)**: 300 mL/min at 690 mbar (10 psi)
- **Maximum Temperature**: 45 °C
- **Maximum Operating Pressure**: 3.15 bars at 25 °C (45 psi at 77 °F)
- **Sterilization**: Gamma irradiation

### Ordering
- **Order Now**
- **Request a Quote**
# Ordering Information

## Steritest™ NEO “Blue Base” Devices

**for products WITHOUT antimicrobial agents and medical devices**

### Application

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<td>Steritest™ NEO Devices for Medical Devices and Collapsible Bags (TZHAMD205)</td>
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<td>Steritest™ NEO Devices for Liquids in Syringes (TZHASY205)</td>
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<td>Steritest™ NEO Devices for Liquids in Plastic Containers (TZHAPC205)</td>
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<td>Steritest™ NEO Devices for Liquids in Cartridges (TZHACA205)</td>
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### Steritest™ NEO Devices for Liquids in Collapsible Bags - Double-Packed (TZHALA205)

- Single needle for easy access to collapsible bags
- Separate vent needle
- Double-packed for quick transfer into sterility testing environments

### Specifications

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<td>Mixed Esters of Cellulose (HA) membrane, 0.45 μm</td>
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<td>Multilayer 170 μm film (Polyamide + Polyethylene derivates) Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6</td>
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<td>Sterilization</td>
<td>Gamma irradiation</td>
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</table>

### Ordering Information

**NEW** Steritest™ NEO Devices for Liquids in Collapsible Bags - Double-Packed (TZHALA205)

- Single needle for easy access to collapsible bags
- Separate vent needle
- Double-packed for quick transfer into sterility testing environments

- Canister Base Membrane
- Materials of Construction
- Sample Container Capacity
- Minimum Flow Rate (for water)
- Maximum Temperature
- Maximum Operating Pressure
- Sterilization

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for products WITHOUT antimicrobial agents and medical devices

Application | Product # | More Information | Add to Cart
--- | --- | --- | ---
Steritest™ NEO Devices for Liquids in Large Vials (TZHALV210)
- Vented double needle for large glass containers with septa

### Specifications

- **Canister Base Membrane**: Mixed Esters of Cellulose (HA) membrane, 0.45 μm
- **Materials of Construction**
  - Primary blister: Shell made of PET, Cover made of Tyvek® paper
  - Filtration Chamber (Canister): Styrene acrylonitrile (SAN)
  - Double Lumen Tubing: PVC, 850 mm length
  - Needle: Stainless steel and polyamide 6-6
- **Sample Container Capacity**: 120 mL (graduation marks at 25, 50, 75 and 100 mL)
- **Minimum Flow Rate (for water)**: 300 mL/min at 690 mbar (10 psi)
- **Maximum Temperature**: 45 °C
- **Maximum Operating Pressure**: 3.15 bars at 25 °C (45 psi at 77 °F)
- **Sterilization**: Gamma irradiation

### Ordering Information

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Steritest™ NEO “Blue Base” Devices
for products WITHOUT antimicrobial agents and medical devices

Application

- Steritest™ NEO Devices for Liquids in Cartridges
- Steritest™ NEO Devices for Liquids in Large Vials - Double-Packed (TZHALV205)
- Steritest™ NEO Devices for Liquids in Smal Vials
- Steritest™ NEO Devices for Liquids in Collapsible Bags
- Steritest™ NEO Devices for Liquids in Syringes
- Steritest™ NEO Devices for Liquids in Ampoules
- Steritest™ NEO Devices for Soluble Powders in Vials
- Steritest™ NEO Devices for Medical Devices and Collapsible Bags
- Steritest™ NEO Devices for Liquids in Plastic Containers

Steritest™ NEO Devices for Liquids in Large Vials - Double-Packed (TZHALV205)

• Vented double needle for large glass containers with septa
• Double-packed for quick transfer into sterility testing environments

Ordering Information

Steritest™ NEO Devices for Liquids in Large Vials - Double-Packed (TZHALV205)

- Canister Base Membrane: Mixed Esters of Cellulose (HA) membrane, 0.45 μm
- Materials of Construction:
  - Outer bag: Multilayer 170 μm film (Polyamide + Polyethylene derivative)
  - Primary blister: Shell made of PET, Cover made of Tyvek® paper
  - Filtration Chamber (Canister): Styrene acrylonitrile (SAN)
  - Double Lumen Tubing: PVC, 850 mm length
  - Sample Container Capacity: Stainless steel and polyamide 6-6
- Sample Container Capacity: 120 mL (graduation marks at 25, 50, 75 and 100 mL)
- Minimum Flow Rate (for water): 300 mL/min at 690 mbar (10 psi)
- Maximum Temperature: 45 °C
- Maximum Operating Pressure: 3.15 bars at 25 °C (45 psi at 77 °F)
- Sterilization: Gamma irradiation

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for products WITHOUT antimicrobial agents and medical devices

Steritest™ NEO Devices for Liquids in Small Vials (TZHASV210)
- Vented double needle for small vials with septa

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Canister Base Membrane | Mixed Esters of Cellulose (HA) membrane, 0.45 μm
Materials of Construction
Primary blister: Shell made of PET, Cover made of Tyvek® paper
Filtration Chamber (Canister): Styrene acrylonitrile (SAN)
Double Lumen Tubing: PVC, 850 mm length
Needle: Stainless steel and polyamide 6-6
Sample Container Capacity | 120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water) | 300 mL/min at 690 mbar (10 psi)
Maximum Temperature | 45 °C
Maximum Operating Pressure | 3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization | Gamma irradiation

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Application | Product # | More Information | Add to Cart
--- | --- | --- | ---
Steritest™ NEO Devices for Liquids in Ampoules | TZHALA210 | | 
Steritest™ NEO Devices for Liquids in Ampoules | TZHALA205 | | 
Steritest™ NEO Devices for Liquids in Collapsible Bags | TZHALA210 | | 
Steritest™ NEO Devices for Liquids in Collapsible Bags | TZHALA205 | | 
Steritest™ NEO Devices for Liquids in Large Vials | TZHALV210 | | 
Steritest™ NEO Devices for Liquids in Large Vials | TZHALV205 | | 
Steritest™ NEO Devices for Liquids in Small Vials | TZHASV210 | | 
Steritest™ NEO Devices for Liquids in Small Vials | TZHASV205 | | 
Steritest™ NEO Devices for Liquids in Cartridges | TZHACA210 | | 
Steritest™ NEO Devices for Liquids in Syringes | TZHASY210 | | 
Steritest™ NEO Devices for Liquids in Plastic Containers | TZHAPC210 | | 

NEW Steritest™ NEO Devices for Medical Devices and Collapsible Bags | TZHAMD210 | | 

Steritest™ NEO Devices for Liquids in Cartridges

Steritest™ NEO Devices for Liquids in Cartridges (TZHACA210)

- Vented double needle for small vials with septa
- Double-packed for quick transfer into sterility testing environments

<table>
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<tr>
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Steritest™ NEO Devices for Liquids in Small Vials - Double-Packed (TZHASV205)

- Vented double needle for small vials with septa
- Double-packed for quick transfer into sterility testing environments

<table>
<thead>
<tr>
<th>Canister Base Membrane</th>
<th>Mixed Esters of Cellulose (HA) membrane, 0.45 μm</th>
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<td>Materials of Construction</td>
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<td>Outer bag:</td>
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<tr>
<td>Primary blister:</td>
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<tr>
<td>Filtration Chamber (Canister):</td>
<td>PVC, 850 mm length</td>
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<td>Double Lumen Tubing:</td>
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<td>Needles:</td>
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<td>Sample Container Capacity</td>
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<td>Maximum Temperature</td>
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<tr>
<td>Sterilization</td>
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Ordering Information

Steritest™ NEO “Blue Base” Devices for products WITHOUT antimicrobial agents and medical devices
Steritest™ NEO Devices for Soluble Powders in Vials (TZHADV210)

- Double needles for small vials with septa
- Vented double needle
- Simultaneously dissolves/dilutes the sample in sterile diluent and transfers the resulting solution to canisters

**Specifications**

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**Canister Base Membrane**

- Mixed Esters of Cellulose (HA) membrane, 0.45 μm

**Materials of Construction**

- Shell made of PET, Cover made of Tyvek® paper
- Styrene acrylonitrile (SAN)
- PVC, 850 mm length
- Stainless steel and polyamide 6-6

**Sample Container Capacity**

- 120 mL (graduation marks at 25, 50, 75 and 100 mL)

**Minimum Flow Rate (for water)**

- 300 mL/min at 690 mbar (10 psi)

**Maximum Temperature**

- 45 °C

**Maximum Operating Pressure**

- 3.15 bars at 25 °C (45 psi at 77 °F)

**Sterilization**

- Gamma irradiation

**Ordering Information**

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Ordering Information

Steritest™ NEO Devices for Soluble Powders in Ampoules (TZHADA210)
- Single needle for transfer into and out of ampoules
- Vented double needle
- Simultaneously dissolves/dilutes the sample in sterile diluent and transfers the resulting solution to canisters

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Canister Base Membrane: Mixed Esters of Cellulose (HA) membrane, 0.45 μm
Materials of Construction:
- Primary blister: Shell made of PET, Cover made of Tyvek® paper
- Filtration Chamber (Canister): Styrene acrylonitrile (SAN)
- Double Lumen Tubing: PVC, 850 mm length
- Needle: Stainless steel and polyamide 6-6
Sample Container Capacity: 120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water): 300 mL/min at 690 mbar (10 psi)
Maximum Temperature: 45 °C
Maximum Operating Pressure: 3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization: Gamma irradiation

Order Now

Steritest™ NEO Devices for Liquids in Cartridges
Steritest™ NEO Devices for Soluble Powders in Vials
Steritest™ NEO Devices for Soluble Powders in Ampoules
Steritest™ NEO Devices for Liquids in Ampoules
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### Ordering Information

**Steritest™ NEO “Blue Base” Devices**
for products WITHOUT antimicrobial agents and medical devices

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**Steritest™ NEO Devices for Medical Devices and Collapsible Bags (TZHAMD210)**

- Three adapters provided; male Luer, female Luer or single needle allow connection to a variety of test devices
- Separate vent needle

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<td>Double Lumen Tubing:</td>
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**NEW Steritest™ NEO Devices for**
## Ordering Information

**Steritest™ NEO “Blue Base” Devices**  
for products WITHOUT antimicrobial agents and medical devices

### Application

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### Steritest™ NEO Devices for Liquids in Syringes (TZHASY210)

- Adapter allows for sequential testing of syringe contents and needle surfaces
- Vented double needle

### Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canister Base Membrane</td>
<td>Mixed Esters of Cellulose (HA) membrane, 0.45 μm</td>
</tr>
<tr>
<td>Materials of Construction</td>
<td>Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6</td>
</tr>
<tr>
<td>Primary blister:</td>
<td>Filtering Chamber (Canister):</td>
</tr>
<tr>
<td>Double Lumen Tubing:</td>
<td>Stainless steel and polyamide 6-6</td>
</tr>
<tr>
<td>Needle:</td>
<td>Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6</td>
</tr>
<tr>
<td>Sample Container Capacity</td>
<td>120 mL (graduation marks at 25, 50, 75 and 100 mL)</td>
</tr>
<tr>
<td>Minimum Flow Rate (for water)</td>
<td>300 mL/min at 690 mbar (10 psi)</td>
</tr>
<tr>
<td>Maximum Temperature</td>
<td>45 °C</td>
</tr>
<tr>
<td>Maximum Operating Pressure</td>
<td>3.15 bars at 25 °C (45 psi at 77 °F)</td>
</tr>
<tr>
<td>Sterilization</td>
<td>Gamma irradiation</td>
</tr>
</tbody>
</table>

- [Order Now](#)

### Ordering Information

| Canister Base Membrane                 | Mixed Esters of Cellulose (HA) membrane, 0.45 μm |
| Materials of Construction              | Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6 |
| Primary blister:                       | Filtering Chamber (Canister):        |
| Double Lumen Tubing:                   | Stainless steel and polyamide 6-6    |
| Needle:                                | Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6 |
| Sample Container Capacity              | 120 mL (graduation marks at 25, 50, 75 and 100 mL) |
| Minimum Flow Rate (for water)          | 300 mL/min at 690 mbar (10 psi)      |
| Maximum Temperature                    | 45 °C                                |
| Maximum Operating Pressure             | 3.15 bars at 25 °C (45 psi at 77 °F) |
| Sterilization                          | Gamma irradiation                    |

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### Request a Quote
Steritest™ NEO "Blue Base" Devices
for products WITHOUT antimicrobial agents and medical devices

### Application

<table>
<thead>
<tr>
<th>Steritest™ NEO Devices for Liquids in Plastic Containers (TZHAPC210)</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Non-coring single needle minimizes blockage when piercing plastic containers</td>
</tr>
<tr>
<td>• Separate vent needle</td>
</tr>
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</table>

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<td>Shell made of PET, Cover made of Tyvek® paper</td>
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<tr>
<td>Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:</td>
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Ordering Information

Steritest™ NEO Devices for Liquids in Plastic Containers (TZHAPC210)

- Non-coring single needle minimizes blockage when piercing plastic containers
- Separate vent needle

Canister Base Membrane: Mixed Esters of Cellulose (HA) membrane, 0.45 μm
Materials of Construction:
- Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:
  - Shell made of PET, Cover made of Tyvek® paper
  - Styrene acrylonitrile (SAN)
  - PVC, 850 mm length
  - Stainless steel and polyamide 6-6
Sample Container Capacity: 120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water): 300 mL/min at 690 mbar (10 psi)
Maximum Temperature: 45 °C
Maximum Operating Pressure: 3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization: Gamma irradiation
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Steritest™ NEO Devices for Liquids in Plastic Containers (TZHAPC210)
- Canister Base Membrane: Mixed Esters of Cellulose (HA) membrane, 0.45 μm
- Materials of Construction:
  - Primary blister: Filtration Chamber (Canister): Double Lumen Tubing: Needle:
    - Shell made of PET, Cover made of Tyvek® paper
    - Styrene acrylonitrile (SAN)
    - PVC, 850 mm length
    - Stainless steel and polyamide 6-6
- Sample Container Capacity: 120 mL (graduation marks at 25, 50, 75 and 100 mL)
- Minimum Flow Rate (for water): 300 mL/min at 690 mbar (10 psi)
- Maximum Temperature: 45 °C
- Maximum Operating Pressure: 3.15 bars at 25 °C (45 psi at 77 °F)
- Sterilization: Gamma irradiation

Steritest™ NEO Devices for Liquids in Plastic Containers (TZHAPC210)

- Canister Base Membrane: Mixed Esters of Cellulose (HA) membrane, 0.45 μm
- Materials of Construction:
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    - Styrene acrylonitrile (SAN)
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- Minimum Flow Rate (for water): 300 mL/min at 690 mbar (10 psi)
- Maximum Temperature: 45 °C
- Maximum Operating Pressure: 3.15 bars at 25 °C (45 psi at 77 °F)
- Sterilization: Gamma irradiation

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Steritest™ NEO “Blue Base” Devices
for products WITHOUT antimicrobial agents and medical devices

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<tr>
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<td>Steritest™ NEO Devices for Liquids in Collapsible Bags</td>
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<td>TZHALV210</td>
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<tr>
<td>Steritest™ NEO Devices for Medical Devices and Collapsible Bags</td>
<td>TZHAMD210</td>
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<td>Steritest™ NEO Devices for Liquids in Syringes</td>
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<tr>
<td>Steritest™ NEO Devices for Liquids in Plastic Containers</td>
<td>TZHAPC210</td>
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<tr>
<td>Steritest™ NEO Devices for Liquids in Cartridges</td>
<td>TZHACA210</td>
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</tbody>
</table>

**Steritest™ NEO Devices for Liquids in Cartridges and Small Soft Plastic Containers (TZHACA210)**

- Single short (20 mm) needle for easy access to cartridges and small soft plastic containers
- Separate vent needle

<table>
<thead>
<tr>
<th>Canister Base Membrane</th>
<th>Mixed Esters of Cellulose (HA) membrane, 0.45 μm</th>
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<tbody>
<tr>
<td>Materials of Construction</td>
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<tr>
<td>Primary blister: Filtration Chamber (Canister):</td>
<td>Styrene acrylonitrile (SAN) PVC, 850 mm length</td>
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<tr>
<td>Double Lumen Tubing: Needle:</td>
<td>Stainless steel and polyamide 6-6</td>
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<tr>
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<tr>
<td>Sterilization</td>
<td>Gamma irradiation</td>
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## Ordering Information

**Steritest™ NEO “Red Base” Devices**  
for antibiotics, products WITH antimicrobial agents and medical devices

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<td><strong>NEW</strong> Steritest™ NEO Devices for Liquids in Cartridges</td>
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DP = Double Packed
Steritest™ NEO “Red Base” Devices
for antibiotics, products WITH antimicrobial agents and medical devices

Steritest™ NEO Devices for Liquids in Ampoules (TZHVAB210)
- Single needle for easy access to ampoules
- Separate vent needle

Steritest™ NEO Devices for Liquids in Collapsible Bags (TZHVAB210)

Steritest™ NEO Devices for Liquids in Large Vials (TZHVLV210)

Steritest™ NEO Devices for Liquids in Small Vials (TZHVSV210)

Steritest™ NEO Devices for Soluble Powders in Vials (TZHVDV210)

Steritest™ NEO Devices for Powders and Superpotent Antibiotics (TZHVAB210)

NEW Steritest™ NEO Devices for Liquids in Cartridges (TZHVCA210)

Ordering Information

Steritest™ NEO “Red Base” Devices
for antibiotics, products WITH antimicrobial agents and medical devices

Application

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<td>Steritest™ NEO Devices for Soluble Powders in Vials</td>
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<td>Steritest™ NEO Devices for Powders and Superpotent Antibiotics</td>
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<tr>
<td>NEW Steritest™ NEO Devices for Liquids in Cartridges</td>
<td>TZHVCA210</td>
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</tbody>
</table>

Materials of Construction

- Primary blister: Styrene acrylonitrile (SAN)
- Filtration Chamber (Canister): Shell made of PET, Cover made of Tyvek® paper
- Canister Base Membrane: Low adsorption Durapore® membrane, 0.45 μm hydrophilic PVDF
- Double Lumen Tubing: Styrene acrylonitrile (SAN), PVC, 850 mm length
- Needle: Stainless steel and polyamide 6-6

Specifications

- Sample Container Capacity: 120 mL (graduation marks at 25, 50, 75 and 100 mL)
- Minimum Flow Rate (for water): 300 mL/min at 690 mbar (10 psi)
- Maximum Temperature: 45 °C
- Maximum Operating Pressure: 3.15 bars at 25 °C (45 psi at 77 °F)
- Sterilization: Gamma irradiation

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Steritest™ NEO “Red Base” Devices
for antibiotics, products WITH antimicrobial agents and medical devices

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<tr>
<td>Steritest™ NEO Devices for Liquids in Large Vials - Double-Packed (TZHVLV210)</td>
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<td>Steritest™ NEO Devices for Powders and Superpotent Antibiotics - Double-Packed (TZHVAB210)</td>
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</tbody>
</table>

Steritest™ NEO Devices for Liquids in Ampoules - Double-Packed (TZHVAB205)

- Single needle for easy access to ampoules
- Separate vent needle
- Double-packed for quick transfer into sterility testing environments

<table>
<thead>
<tr>
<th>Specification</th>
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<tbody>
<tr>
<td>Canister Base Membrane</td>
<td>Low adsorption Durapore® membrane, 0.45 μm hydrophilic PVDF</td>
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<tr>
<td>Materials of Construction</td>
<td>Multilayer 170 μm film (Polyamide + Polyethylene derivate) Shell made of PET, Cover made of Tyvek® paper Styrene acrylonitrile (SAN) PVC, 850 mm length Stainless steel and polyamide 6-6</td>
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<td>Primary blister:</td>
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<td>Filtration Chamber (Canister):</td>
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Steritest™ NEO “Red Base” Devices
for antibiotics, products WITH antimicrobial agents and medical devices

Steritest™ NEO Devices for Liquids in Ampoules (TZHVAB210, TZHVAB205)
Steritest™ NEO Devices for Liquids in Collapsible Bags (TZHVAB210, TZHVAB205)
Steritest™ NEO Devices for Liquids in Large Vials (TZHVLV210, TZHVLV205)
Steritest™ NEO Devices for Liquids in Small Vials (TZHVSV210, TZHVSV205)
Steritest™ NEO Devices for Soluble Powders in Vials (TZHVDV210, TZHVDV205)
Steritest™ NEO Devices for Medical Devices and Collapsible Bags (TZHVMD210)
Steritest™ NEO Devices for Powders and Superpotent Antibiotics (TZHVAB210, TZHVAB205)
NEW Steritest™ NEO Devices for Liquids in Cartridges (TZHVCA210)

Steritest™ NEO “Red Base” Devices
for antibiotics, products WITH antimicrobial agents and medical devices

Application
Steritest™ NEO Devices for Liquids in Ampoules
Steritest™ NEO Devices for Liquids in Collapsible Bags
Steritest™ NEO Devices for Liquids in Large Vials
Steritest™ NEO Devices for Liquids in Small Vials
Steritest™ NEO Devices for Soluble Powders in Vials
Steritest™ NEO Devices for Medical Devices and Collapsible Bags
Steritest™ NEO Devices for Powders and Superpotent Antibiotics
NEW Steritest™ NEO Devices for Liquids in Cartridges

Product # | More Information | Add to Cart
--- | --- | ---
TZHVAB210 | | |
TZHVAB205 | | |
TZHVAB210 | | |
TZHVAB205 | | |
TZHVLV210 | | |
TZHVLV205 | | |
TZHVSV210 | | |
TZHVSV205 | | |
TZHVDV210 | | |
TZHVDV205 | | |
TZHVMD210 | | |
TZHVAB210 | | |

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Minimum Flow Rate (for water): 300 mL/min at 690 mbar (10 psi)
Maximum Temperature: 45 °C
Maximum Operating Pressure: 3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization: Gamma irradiation

Steritest™ NEO Devices for Liquids in Collapsible Bags (TZHVAB210)

- Single needle for easy access to collapsible bags
- Separate vent needle

Request a Quote
Steritest™ NEO “Red Base” Devices
for antibiotics, products WITH antimicrobial agents and medical devices

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**Steritest™ NEO Devices for Liquids in Collapsible Bags - Double-Packed (TZHVAB205)**

- Single needle for easy access to collapsible bags
- Separate vent needle
- Double-packed for quick transfer into sterility testing environments

- **Canister Base Membrane**: Low adsorption Durapore® membrane, 0.45 μm hydrophilic PVDF
- **Materials of Construction**
  - Outer bag: Multilayer 170 μm film (Polyamide + Polyethylene derivate)
  - Shell made of PET, Cover made of Tyvek® paper
  - Inner bag: Styrene acrylonitrile (SAN) PVC, 850 mm length
  - Needle: Stainless steel and polyamide 6-6
- **Sample Container Capacity**: 120 mL (graduation marks at 25, 50, 75 and 100 mL)
- **Minimum Flow Rate (for water)**: 300 mL/min at 690 mbar (10 psi)
- **Maximum Temperature**: 45 °C
- **Maximum Operating Pressure**: 3.15 bars at 25 °C (45 psi at 77 °F)
- **Sterilization**: Gamma irradiation

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**Steritest™ NEO “Red Base” Devices**
for antibiotics, products WITH antimicrobial agents and medical devices

**Application**

- Steritest™ NEO Devices for Liquids in Large Vials (TZHVLV210)
- Steritest™ NEO Devices for Liquids in Large Vials (TZHVLV205)
- Steritest™ NEO Devices for Liquids in Collapsible Bags (TZHVAB210)
- Steritest™ NEO Devices for Liquids in Collapsible Bags (TZHVAB205)
- Steritest™ NEO Devices for Liquids in Small Vials (TZHVSV210)
- Steritest™ NEO Devices for Liquids in Small Vials (TZHVSV205)
- Steritest™ NEO Devices for Liquids in Cartridges (TZHVCA210)
- Steritest™ NEO Devices for Powders and Superpotent Antibiotics (TZHVAB210)
- Steritest™ NEO Devices for Medical Devices and Collapsible Bags (TZHVMD210)
- Steritest™ NEO Devices for Soluble Powders in Vials (TZHVDV210)
- Steritest™ NEO “Red Base” Devices for antibiotics, products WITH antimicrobial agents and medical devices

**Ordering Information**

- **Canister Base Membrane**: Low adsorption Durapore® membrane, 0.45 μm hydrophilic PVDF
- **Materials of Construction**:
  - Primary blister: Styrene acrylonitrile (SAN)
  - Filtration Chamber (Canister): PVC, 850 mm length
  - Double Lumen Tubing: Stainless steel and polyamide 6-6
- **Sample Container Capacity**: 120 mL (graduation marks at 25, 50, 75 and 100 mL)
- **Minimum Flow Rate (for water)**: 300 mL/min at 690 mbar (10 psi)
- **Maximum Temperature**: 45 °C
- **Maximum Operating Pressure**: 3.15 bars at 25 °C (45 psi at 77 °F)

**NEW Steritest™ NEO Devices for Powdered Products**

- **Order Now**
- **Request a Quote**
Ordering Information

Steritest™ NEO “Red Base” Devices
for antibiotics, products WITH antimicrobial agents and medical devices

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Steritest™ NEO Devices for Liquids in Large Vials - Double-Packed (TZHVLV205)

- Vented double needle for large glass containers with septa
- Double-packed for quick transfer into sterility testing environments

Canister Base Membrane: Low adsorption Durapore® membrane, 0.45 μm hydrophilic PVDF

Materials of Construction:
- Outer bag: Multilayer 170 μm film (Polyamide + Polyethylene derivate)
- Primary blister: Shell made of PET, Cover made of Tyvek® paper
- Filtration Chamber (Canister): Styrene acrylonitrile (SAN)
- Double Lumen Tubing: PVC, 850 mm length
- Needle: Stainless steel and polyamide 6-6

Sample Container Capacity: 120 mL (graduation marks at 25, 50, 75 and 100 mL)

Minimum Flow Rate (for water): 300 mL/min at 690 mbar (10 psi)

Maximum Temperature: 45 °C

Maximum Operating Pressure: 3.15 bars at 25 °C (45 psi at 77 °F)

Sterilization: Gamma irradiation

Order Now

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Steritest™ NEO “Red Base” Devices

for antibiotics, products WITH antimicrobial agents and medical devices

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Steritest™ NEO “Red Base” Devices
for antibiotics, products WITH antimicrobial agents and medical devices

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Steritest™ NEO Devices for Liquids in Small Vials - Double-Packed (TZHVSV205)

- Vented double needle for small vials with septa
- Double-packed for quick transfer into sterility testing environments

Canister Base Membrane: Low adsorption Durapore® membrane, 0.45 μm hydrophilic PVDF
Materials of Construction:
- Outer bag: Multilayer 170 μm film (Polyamide + Polyethylene Derivate)
- Primary blister: Shell made of PET, Cover made of Tyvek® paper
- Filtration Chamber (Canister): Styrene acrylonitrile (SAN)
- Double Lumen Tubing: PVC, 850 mm length
- Needle: Stainless steel and polyamide 6-6
Sample Container Capacity: 120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water): 300 mL/min at 690 mbar (10 psi)
Maximum Temperature: 45 °C
Maximum Operating Pressure: 3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization: Gamma irradiation

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Steritest™ NEO “Red Base” Devices
for antibiotics, products WITH antimicrobial agents and medical devices

Application
Steritest™ NEO Devices for Liquids in Ampoules
Steritest™ NEO Devices for Liquids in Collapsible Bags
Steritest™ NEO Devices for Liquids in Large Vials
Steritest™ NEO Devices for Liquids in Small Vials
Steritest™ NEO Devices for Soluble Powders in Vials
Steritest™ NEO Devices for Powders and Superpotent Antibiotics
Steritest™ NEO Devices for Liquids in Cartridges

Steritest™ NEO Devices for Soluble Powders in Vials (TZHVDV210)
- Double needles for small vials with septa
- Vented double needle
- Simultaneously dissolves/ dilutes the sample in sterile diluent and transfers the resulting solution to canisters

Canister Base Membrane
Low adsorption Durapore® membrane, 0.45 μm hydrophilic PVDF

Materials of Construction
- Primary blister: Shell made of PET, Cover made of Tyvek® paper
- Filtration Chamber (Canister): Styrene acrylonitrile (SAN)
- Double Lumen Tubing: PVC, 850 mm length
- Needle: Stainless steel and polyamide 6-6

Sample Container Capacity
120 mL (graduation marks at 25, 50, 75 and 100 mL)

Minimum Flow Rate (for water)
300 mL/min at 690 mbar (10 psi)

Maximum Temperature
45 °C

Maximum Operating Pressure
3.15 bars at 25 °C (45 psi at 77 °F)

Sterilization
Gamma irradiation

Ordering Information
Steritest™ NEO “Red Base” Devices
for antibiotics, products WITH antimicrobial agents and medical devices

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Steritest™ NEO Devices for Soluble Powders in Vials - Double-Packed (TZHVDV205)

- Double needles for small vials with septa / Vented double needle
- Simultaneously dissolves/dilutes the sample in sterile diluent and transfers the resulting solution to canisters
- Double-packed for quick transfer into sterility testing environments

Ordering Information

Steritest™ NEO "Red Base" Devices
for antibiotics, products WITH antimicrobial agents and medical devices

Canister Base Membrane: Low adsorption Durapore® membrane, 0.45 μm hydrophilic PVDF
Materials of Construction:
- Outer bag: Multilayer 170 μm film (polyamide + polyethylene derivative)
- Shell made of PET, Cover made of Tyvek® paper
- Primary blister: Styrene acrylonitrile (SAN)
- Double Lumen Tubing: PVC, 850 mm length
- Needle: Stainless steel and polyamide 6-6
Sample Container Capacity: 120 mL (graduation marks at 25, 50, 75 and 100 mL)
Minimum Flow Rate (for water): 300 mL/min at 690 mbar (10 psi)
Maximum Temperature: 45 °C
Maximum Operating Pressure: 3.15 bars at 25 °C (45 psi at 77 °F)
Sterilization: Gamma irradiation

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Steritest™ NEO “Red Base” Devices
for antibiotics, products WITH antimicrobial agents and medical devices

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Steritest™ NEO Devices for Medical Devices and Collapsible Bags (TZHVMD210)

- Three adapters provided; male Luer, female Luer or single needle allow connection to a variety of test devices
- Separate vent needle

Canister Base Membrane: Low adsorption Durapore® membrane, 0.45 μm hydrophilic PVDF

Materials of Construction:
- Primary blister: Shell made of PET, Cover made of Tyvek® paper
- Filtration Chamber (Canister): Styrene acrylonitrile (SAN) PVC, 850 mm length
- Double Lumen Tubing: Stainless steel and polyamide 6-6

Sample Container Capacity: 120 mL (graduation marks at 25, 50, 75 and 100 mL)

Minimum Flow Rate (for water): 300 mL/min at 690 mbar (10 psi)

Maximum Temperature: 45 °C

Maximum Operating Pressure: 3.15 bars at 25 °C (45 psi at 77 °F)

Sterilization: Gamma irradiation

Order Now
## Ordering Information

**Steritest™ NEO “Red Base” Devices**
for antibiotics, products WITH antimicrobial agents and medical devices

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### Steritest™ NEO Devices for Powders and Superpotent Antibiotics (TZHVAB210)

- Tubing and needle assembly for antibiotics and products containing antimicrobial activity that require dilution or dissolution
- Aseptically connects the diluent or dissolution fluid to the product container for dilution
- Used for pooling superpotent antibiotics to reduce product membrane contact time when product is then filtered
- Contains vent with expansion chamber for optimized venting
- Diluted product subsequently filtered with Steritest™ NEO device (TZHVAB210)

#### Recommended Accessories:
- Steridilutor® NEO devices for sample preparation and dilution
- Sterile vent needles

---

**Materials of Construction**

- **Primary blister:**
  - Alternative materials available: Durapore® paper
- **Filtration Chamber (Canister):**
  - Shell made of PET, Cover made of Tyvek® paper
  - Styrene acrylonitrile (SAN), PVC, 850 mm length
  - Stainless steel and polyamide 6-6

**Sample Container Capacity**

- 120 mL (graduation marks at 25, 50, 75 and 100 mL)

**Minimum Flow Rate (for water)**

- 300 mL/min at 690 mbar (10 psi)

**Maximum Temperature**

- 45°C

**Maximum Operating Pressure**

- 3.15 bars at 25°C (45 psi at 77°F)

**Sterilization**

- Gamma irradiation
# Ordering Information

**Steritest™ NEO “Red Base” Devices**

For antibiotics, products WITH antimicrobial agents and medical devices

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**Steritest™ NEO Devices for Liquids in Cartridges and Small Soft Plastic Containers (TZHVCA210)**

- Single short (20 mm) needle for easy access to cartridges and small soft plastic containers
- Separate vent needle

**Steritest™ NEO Devices for Liquids in Cartridges and Small Soft Plastic Containers (TZHVCA210)**

- **Canister Base Membrane**
  - Low adsorption Durapore® membrane, 0.45 μm hydrophilic PVDF

- **Materials of Construction**
  - Primary blister:
    - Filtration Chamber (Canister):
      - Shell made of PET, Cover made of Tyvek® paper
    - Double Lumen Tubing:
      - Styrene acrylonitrile (SAN)
    - PVC, 850 mm length
    - Stainless steel and polyamide 6-6

- **Sample Container Capacity**
  - 120 mL (graduation marks at 25, 50, 75 and 100 mL)

- **Minimum Flow Rate (for water)**
  - 300 mL/min at 690 mbar (10 psi)

- **Maximum Temperature**
  - 45 °C

- **Maximum Operating Pressure**
  - 3.15 bars at 25 °C (45 psi at 77 °F)

- **Sterilization**
  - Gamma irradiation

**Steritest™ NEO Devices for Liquids in Cartridges and Small Soft Plastic Containers (TZHVCA210)**

- **Order Now**

**Request a Quote**

**Canister Base Membrane**

- Low adsorption Durapore® membrane, 0.45 μm hydrophilic PVDF

**Materials of Construction**

- Primary blister:
  - Filtration Chamber (Canister):
    - Shell made of PET, Cover made of Tyvek® paper
  - Double Lumen Tubing:
    - Styrene acrylonitrile (SAN)
  - PVC, 850 mm length
  - Stainless steel and polyamide 6-6

- **Sample Container Capacity**
  - 120 mL (graduation marks at 25, 50, 75 and 100 mL)

- **Minimum Flow Rate (for water)**
  - 300 mL/min at 690 mbar (10 psi)

- **Maximum Temperature**
  - 45 °C

- **Maximum Operating Pressure**
  - 3.15 bars at 25 °C (45 psi at 77 °F)

- **Sterilization**
  - Gamma irradiation

**Steritest™ NEO Devices for Liquids in Cartridges and Small Soft Plastic Containers (TZHVCA210)**

- **Order Now**

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### Ordering Information

**Steritest™ NEO “Green Base” Devices + Sterile IPM**

For products dissolved in solvents requiring increased chemical compatibility

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**Steritest™ NEO “Green Base” Devices + Sterile IPM**
for products dissolved in solvents requiring increased chemical compatibility

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- Single needle / Separate vent needle
- Canister designed for testing products dissolved in solvents such as isopropyl myristate / Better resistance to pressure, thanks to canister connections and reinforced base structure

**Steritest™ NEO Devices for Solvents, Creams, Ointments, and Veterinary Injectables (TZHVSL210)**

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<td><strong>Materials of Construction</strong></td>
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Order Now | Request a Quote
Steritest™ NEO “Green Base” Devices + Sterile IPM
for products dissolved in solvents requiring increased chemical compatibility

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**Sterile Irradiated Isopropyl Myristate (1466280006)**
- Sterile and ready-to-use
- 360 mL in 500 mL bottle with red flip cap and septum
- 6 bottles per box
- To be used with the Steritest™ NEO green base canister TZHVSL210

Ordering Information

Order Now

Request a Quote
# Ordering Information

## Sterility Testing Accessories for Liquid Transfer and Dilution

<table>
<thead>
<tr>
<th>Application</th>
<th>Product #</th>
<th>More Information</th>
<th>Add to Cart</th>
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<tr>
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Sterility Testing Accessories for Liquid Transfer and Dilution

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<tr>
<td>Steritest™ Vent Needles</td>
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</tbody>
</table>

### Steridilutor® NEO Devices without Expansion Chamber for Sample Preparation and Dilution (TZV000010)

- Tubing and needle assembly to dissolve powders, for dilution and pool products in vials
- To be used for difficult to dissolve powders, dilution and pooling of viscous products in vials as well as antibiotics (to reduce the contact time with the filtration membrane)
- Small diameter double needle connects test product to diluent
- Diluted product subsequently filtered with suitable Steritest™ NEO canisters

---

Order Now

Request a Quote
### Sterility Testing Accessories for Liquid Transfer and Dilution

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</tr>
</tbody>
</table>

**Steridilutor® NEO Devices with Expansion Chamber for Sample Preparation and Dilution (TZVC00010)**

- Tubing and needle assembly to dissolve powders, for dilution and pool products in vials
- To be used for difficult to dissolve powders, dilution and pooling of viscous products in vials as well as antibiotics (to reduce the contact time with the filtration membrane)
- The expansion chamber vents residual vacuum or pressure from the vials without after-drip or contamination risk
- Small diameter double needle connects test product to diluent
- Diluted product subsequently filtered with suitable Steritest™ NEO canisters

**Ordering Information**

Order Now  
Request a Quote
Sterility Testing Accessories for Liquid Transfer and Dilution

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<td>Steritest™ Vent Needles</td>
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</tr>
</tbody>
</table>

**Steridilutor® NEO Devices for Liquid Transfer (TZA000010)**

- Tubing and needle assembly for transfer of liquids from ampoules or vials to a diluent vial with septum pooling
- Diluted products subsequently tested with suitable Steritest™ NEO canister

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Steritest™ NEO

Benefits

New Features

Video - New Features

Video - New Devices

Specifications

Regulations

Double Packed

Ordering Information

Ordering Information

Sterility Testing Accessories for Liquid Transfer and Dilution

<table>
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<tr>
<td>Steritest™ Vent Needles</td>
<td>TEFG02525</td>
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</tr>
</tbody>
</table>

**Steritest™ Vent Needles (TEFG02525)**

- Single needle vented with PTFE 0.22 μm membrane
- For venting glass vials with septa and rigid plastic vials
- For venting of media bottles during the direct inoculation method
- For sterility and growth promotion qualification of media batches

Order Now

Request a Quote
Our sterility media and rinsing fluids are a critical component of your Steritest™ solution. They provide the highest level of quality and testing confidence. They have been formulated and tested to meet the requirements of the USP <71>, EU Pharmacopoeia <2.6.1> and JP Pharmacopoeia <4.06>. Steritest™ sterility media and rinse solutions are manufactured in an ISO 9001, environmentally controlled production center.

Each lot undergoes a stringent quality control (QC) procedure, including pH, sterility and growth promotion testing according to USP, EP and JP methods. Our manufacturing approach ensures the highest level of clarity for our media and rinsing fluids, therefore improving accuracy and significantly reducing the risk of incorrect interpretation and false results.
Benefits

- **Compliant to pharmacopoeias EP / USP / JP**
  Culture media and rinsing fluids have been formulated and tested to meet the requirements of the USP <71>, EU Pharm. <2.6.1> and JP Pharm.<4.06>.

- **Optimal cap design to reduce the risk of cross contamination and growth inhibition**
  1. Screw cap version, the rimless cap design minimizes the risks of cross contamination and optimizes the disinfection procedures.
  2. Crimp cap version provides a tamperproof closure to ensure a high level of security.

- **High standards manufacturing process**
  Manufactured in ISO® 9001 controlled environments where each lot is certified for pH, sterility, and growth promotion using ATCC® strains specified by the USP.

- **Multiple configuration and volumes**
  Whether the product is filterable or not, our sterility testing culture media and rinsing fluids come in multiple configurations and volumes.

- **Improved traceability through barcodes on each bottle**
  Simply scan the 2D barcode to access the product-related data. Easy data processing in a broad range of systems.

- **Easy to use with all Steritest™ devices**
  A non-coring, large diameter septum area is easy to pierce for operator safety and productivity.

- **Validated to fulfill all your sterility and bioburden needs**
  Fluids A, D, and K can be used in combination with the Steritest™ sterility testing system or for bioburden testing to rinse membranes and dilute or dissolve samples.
Our culture media and rinsing fluids are designed, manufactured and tested to meet with the recommendations of Pharmacopoeias for Sterility testing.

- European Pharmacopoeia, 2.6.1 Sterility, 2.6.12 & 2.6.13. Microbiological examination of non-sterile products
- United States Pharmacopoeia, <71> Sterility tests, <61> & <62> Microbiological examination of non-sterile products; <1227> Validation of microbial recovery from pharmacopoeial articles
- Japanese Pharmacopoeia, 4.06 Sterility test
Consistent Performance

We know that the performance of the culture media and rinse fluids is a critical parameter for sterility testing suitability.

That’s why our media are formulated with selected raw materials to ensure optimal and consistent growth performance.

Our bottles are filled and sterilized an ISO 9001 accredited facility. Our strong quality program mimics the GMP guidelines in order to bring confidence and support to our Pharma customers.
Certificate of Quality

Each batch follows a stringent quality controls, including batch records review and QC testing before release.

- A Certificate of Quality can be downloaded from our website
- A Certificate of Analysis is also available upon request
**Documented Qualification**

Products and manufacturing processes are fully validated to meet with your reliability need for sterility testing.

Validation summaries can be provided upon request.

Full documentation, including validation protocols, reports, risk analysis and change controls can be consulted during an audit in our manufacturing facility.
Soybean-Casein Digest Medium (Trypscase Soy Broth, TSB) is 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 Pharmacopoeias.

Fluid Thioglycollate Medium (FTM) 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 Pharmacopoeias.

Clear Thioglycollate Medium has the same growth promotion properties as the standard FTM and is compliant to the USP, EP and JP Pharmacopoeias. This alternative formulation brings extra visual clarity versus the FTM which has a slight turbidity or haze due to presence of agar. A high visual clarity medium is preferred by many users, when compared with the slightly turbid appearance of FTM.
### Ordering Information

#### Sterility Testing Culture Media

<table>
<thead>
<tr>
<th>Culture Media bottle</th>
<th>Closure</th>
<th>Volume (mL)</th>
<th>Qty/pk</th>
<th>Product #</th>
<th>More Information</th>
<th>Add to Cart</th>
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</thead>
<tbody>
<tr>
<td>Soybean-Casein Digest Medium (Trypscase Soy Broth, TSB)</td>
<td>Screw cap with septum</td>
<td>100 mL</td>
<td>12</td>
<td>STBMTSB12</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Screw cap with septum – double packed</td>
<td>100 mL</td>
<td>12</td>
<td>STBMTSB12DP</td>
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<td></td>
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<tr>
<td></td>
<td>Crimp cap with septum</td>
<td>100 mL</td>
<td>10</td>
<td>1.46317</td>
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<tr>
<td>Fluid Thioglycollate Medium, FTM</td>
<td>Screw cap with septum</td>
<td>100 mL</td>
<td>12</td>
<td>STBMFTM12</td>
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<tr>
<td></td>
<td>Screw cap with septum – double packed</td>
<td>100 mL</td>
<td>12</td>
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<tr>
<td></td>
<td>Crimp cap with septum</td>
<td>100 mL</td>
<td>10</td>
<td>1.46406</td>
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<td></td>
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<tr>
<td>Clear Thioglycollate Medium, CTM</td>
<td>Screw cap with septum</td>
<td>100 mL</td>
<td>12</td>
<td>STBMCTM12</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Screw cap with septum – double packed</td>
<td>100 mL</td>
<td>12</td>
<td>STBMCTM12DP</td>
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<tr>
<td></td>
<td>Crimp cap with septum</td>
<td>100 mL</td>
<td>10</td>
<td>1.46456</td>
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**Note:**
- **DP** = Double Packed
- Click on product # to get more information or add to cart.
### Soybean-Casein Digest Medium (Trypcase Soy Broth, TSB)

- **Closure**: Screw cap with septum
- **Volume (mL)**: 100 mL
- **Qty/pk**: 12
- **Product #**: STBMSTB12

**Trypcase Soy Broth, TSB (STBMSTB12)**

- Intended for the detection of aerobic bacteria and fungi. This medium is used for sterility testing by membrane filtration or by direct inoculation.

### Fluid Thioglycollate Medium, FTM

- **Closure**: Screw cap with septum
- **Volume (mL)**: 100 mL
- **Qty/pk**: 12
- **Product #**: STBMSTB12

### Clear Thioglycollate Medium, CTM

- **Closure**: Screw cap with septum
- **Volume (mL)**: 100 mL
- **Qty/pk**: 12
- **Product #**: STBMSTB12

### Ordering Information

<table>
<thead>
<tr>
<th>Culture Media bottle</th>
<th>Closure</th>
<th>Volume (mL)</th>
<th>Qty/pk</th>
<th>Product #</th>
<th>More Information</th>
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</thead>
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<tr>
<td>Soybean-Casein Digest Medium (Trypcase Soy Broth, TSB)</td>
<td>Screw cap with septum</td>
<td>100 mL</td>
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<td>STBMSTB12</td>
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<tr>
<td>Fluid Thioglycollate Medium, FTM</td>
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<td>100 mL</td>
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<tr>
<td>Clear Thioglycollate Medium, CTM</td>
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<td>100 mL</td>
<td>12</td>
<td>STBMSTB12</td>
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<td></td>
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</tbody>
</table>

- **Color**: Light yellow clear
- **Shelf life**: 12 months
- **pH at 25 °C**: pH 7.3 ±0.2
- **Storage conditions**: Room Temperature (2 to 25 °C)
- **Regulatory conformance**: USP <71>
- **QC organisms**: B. subtilis (ATCC 6633), C. albicans (ATCC 10231), A. niger (ATCC 16404), S. aureus (ATCC 6538), P. aeruginosa (ATCC 60027)
**Ordering Information**

### Sterility Testing Culture Media

<table>
<thead>
<tr>
<th>Culture Media bottle</th>
<th>Closure</th>
<th>Volume (mL)</th>
<th>Qty/pk</th>
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<tr>
<td>Clear Thioglycollate Medium, CTM</td>
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<td>100 mL</td>
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<td>STBMCTM12</td>
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</table>

**Trypcase Soy Broth, TSB - Double-packed (STBMTSB12DP)**

- Intended for the detection of aerobic bacteria and fungi. This medium is used for sterility testing by membrane filtration or by direct inoculation.

**Additional Information**

- **Closure**: Screw cap with septum - double packed
- **Volume (mL)**: 100 mL
- **Packaging**: 12 per pack
- **Sterilization**: Autoclaving + Ethylene oxide
- **Color**: Light yellow clear
- **Shelf life**: 12 months
- **pH at 25 °C**: pH 7.3 ±0.2
- **Storage conditions**: Room Temperature (2 to 25 °C)
- **Regulatory conformance**: USP <71>
- **QC organisms**: B. subtilis (ATCC 6633), C. albicans (ATCC 10231), A. niger (ATCC 16404), S. aureus (ATCC 6538), P. aeruginosa (ATCC 9027)
## Ordering Information

### Sterility Testing Culture Media

<table>
<thead>
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<tbody>
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<td>100 mL</td>
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<td>STBMTSB12</td>
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</table>

### Trypcase Soy Broth, TSB (1.46317)

- Intended for the detection of aerobic bacteria and fungi. This medium is used for sterility testing by membrane filtration or by direct inoculation.

### Fluid Thioglycollate Medium, FTM

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<th>More Information</th>
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### Clear Thioglycollate Medium, CTM

<table>
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<th>Add to Cart</th>
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<tr>
<td>Clear Thioglycollate Medium, CTM</td>
<td>Screw cap with septum</td>
<td>100 mL</td>
<td>12</td>
<td>STBMCTM12</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Additional Information**

- **Closure**: Crimp cap with septum
- **Volume (mL)**: 100 mL
- **Packaging**: 12 per pack
- **Sterilization**: Autoclaving
- **Color**: Light yellow clear
- **Shelf life**: 12 months
- **pH at 25 °C**: pH 7.3 ±0.2
- **Storage conditions**: Room Temperature (2 to 25 °C)
- **Regulatory conformance**: USP <71>
- **QC organisms**: B. subtilis (ATCC 6633), C. albicans (ATCC 10231), A. niger (ATCC 16404), S. aureus (ATCC 6538), P. aeruginosa (ATCC 9027)
## Fluid Thioglycollate Medium, FTM (STBMFTM12)

- 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.

### Ordering Information

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<td>100 mL</td>
<td>12</td>
<td>STBMCTM12</td>
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<td></td>
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</tbody>
</table>

**More Information**

- **Closure**: Screw cap with septum
- **Volume (mL)**: 100 mL
- **Packaging**: 12 per pack
- **Sterilization**: Autoclaving
- **Color**: Light yellow, slightly opalescent and viscous liquid with a pink ring in suspension < 1 cm
- **Shelf life**: 12 months
- **pH at 25 °C**: pH 7.1 ±0.2
- **Storage conditions**: Room Temperature (2 to 25 °C)
- **Regulatory conformance**: USP <71>
- **QC organisms**: C. sporogenes (ATCC 11437), S. aureus (ATCC 6538), P. aeruginosa (ATCC 9027)
### Ordering Information

#### Sterility Testing Culture Media

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<th>Qty/pk</th>
<th>Product #</th>
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<td><a href="#">More Information</a></td>
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<tr>
<td>Fluid Thioglycollate Medium, FTM</td>
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<tr>
<td>Fluid Thioglycollate Medium, FTM</td>
<td>Screw cap with septum - double packed</td>
<td>100 mL</td>
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<td>STBMFTM12DP</td>
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<td>STBMCTM12</td>
<td><a href="#">More Information</a></td>
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<td>Clear Thioglycollate Medium, CTM</td>
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<td>STBMCTM12DP</td>
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**Fluid Thioglycollate Medium, FTM - Double-packed (STBMFTM12DP)**

- 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.

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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</tr>
<tr>
<td>Volume (mL)</td>
<td>100 mL</td>
</tr>
<tr>
<td>Packaging</td>
<td>12 per pack</td>
</tr>
<tr>
<td>Sterilization</td>
<td>Autoclaving + ethylene oxide</td>
</tr>
<tr>
<td>Color</td>
<td>Clear, with no precipitate and free of visible particles</td>
</tr>
<tr>
<td>pH at 25 °C</td>
<td>pH 7.1 ±0.2</td>
</tr>
<tr>
<td>Storage conditions</td>
<td>Room Temperature (2 to 25 °C)</td>
</tr>
<tr>
<td>Regulatory conformance</td>
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<tr>
<td>QC organisms</td>
<td>C. sordouges (ATCC 11437), S. aureus (ATCC 6538), P. aeruginosa (ATCC 9027)</td>
</tr>
</tbody>
</table>
### Ordering Information

#### Sterility Testing Culture Media

<table>
<thead>
<tr>
<th>Culture Media bottle</th>
<th>Closure</th>
<th>Volume (mL)</th>
<th>Qty/pk</th>
<th>Product #</th>
<th>More Information</th>
<th>Add to Cart</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soybean-Casein Digest Medium (Trypcase Soy Broth, TSB)</td>
<td>Screw cap with septum</td>
<td>100 mL</td>
<td>12</td>
<td>STBMTSB12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fluid Thioglycollate Medium, FTM</td>
<td>Screw cap with septum</td>
<td>100 mL</td>
<td>12</td>
<td>STBMFTM12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fluid Thioglycollate Medium, FTM</td>
<td>Screw cap with septum – double packed</td>
<td>100 mL</td>
<td>12</td>
<td>STBMFTM12DP</td>
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</tr>
<tr>
<td>Clear Thioglycollate Medium, CTM</td>
<td>Screw cap with septum</td>
<td>100 mL</td>
<td>12</td>
<td>STBMCTM12</td>
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<tr>
<td>Clear Thioglycollate Medium, CTM</td>
<td>Screw cap with septum – double packed</td>
<td>100 mL</td>
<td>12</td>
<td>STBMCTM12DP</td>
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<tr>
<td>Clear Thioglycollate Medium, CTM</td>
<td>Crimp cap with septum</td>
<td>100 mL</td>
<td>10</td>
<td>1.46406</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Fluid Thioglycollate Medium, FTM (1.46406)**

- 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.

#### Specifications

- **Closure**: Crimp cap with septum
- **Volume (mL)**: 100 mL
- **Packaging**: 10 per pack
- **Sterilization**: Autoclaving
- **Color**: Light yellow, slightly opalescent and viscous liquid with a pink ring in suspension < 1 cm
- **Shelf life**: 12 months
- **pH at 25 °C**: pH 7.1 ±0.2
- **Storage conditions**: Room Temperature (2 to 25 °C)
- **Regulatory conformance**: USP <71>
- **QC organisms**: C. sporogenes (ATCC 11437), S. aureus (ATCC 6538), P. aeruginosa (ATCC 9027)
## Clear Thioglycollate Medium, CTM (STBMCTM12)

- 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.

### Ordering Information

<table>
<thead>
<tr>
<th>Culture Media</th>
<th>Closure</th>
<th>Volume (mL)</th>
<th>Qty/pk</th>
<th>Product #</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Screw cap with septum</td>
<td>100 mL</td>
<td>12</td>
<td>STBMSTSB12</td>
</tr>
<tr>
<td>Fluid Thioglycollate Medium, FTM</td>
<td>Screw cap with septum</td>
<td>100 mL</td>
<td>12</td>
<td>STBMFTM12</td>
</tr>
<tr>
<td>Clear Thioglycollate Medium, CTM</td>
<td>Screw cap with septum</td>
<td>100 mL</td>
<td>12</td>
<td>STBMCTM12</td>
</tr>
</tbody>
</table>

### Additional Details

- **Closure**: Screw cap with septum
- **Volume (mL)**: 100 mL
- **Packaging**: 12 per pack
- **Sterilization**: Autoclaving
- **Color**: Light yellow, slightly opalescent and viscous liquid with a pink ring in suspension < 1 cm
- **Shelf life**: 12 months
- **pH at 25 °C**: pH 7.1 ±0.2
- **Storage conditions**: Room Temperature (2 to 25 °C)
- **Regulatory conformance**: USP <71>
- **QC organisms**: C. sporogenes (ATCC 11437), S. aureus (ATCC 6538), P. aeruginosa (ATCC 9027)
Ordering Information

Sterility Testing Culture Media

<table>
<thead>
<tr>
<th>Culture Media bottle</th>
<th>Closure</th>
<th>Volume (mL)</th>
<th>Qty/pk</th>
<th>Product #</th>
<th>More Information</th>
<th>Add to Cart</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Screw cap with septum</td>
<td>100 mL</td>
<td>12</td>
<td>STBMTSB12</td>
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<td></td>
</tr>
<tr>
<td>Fluid Thioglycollate Medium, FTM</td>
<td>Screw cap with septum – double packed</td>
<td>100 mL</td>
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<td>STBMTSB12DP</td>
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<td></td>
</tr>
<tr>
<td>Clear Thioglycollate Medium, CTM</td>
<td>Screw cap with septum</td>
<td>100 mL</td>
<td>12</td>
<td>STBMCTM12</td>
<td></td>
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</tr>
<tr>
<td>Clear Thioglycollate Medium, CTM - Double-packed (STBMCTM12DP)</td>
<td>Screw cap with septum – double packed</td>
<td>100 mL</td>
<td></td>
<td>STBMCTM12DP</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Clear Thioglycollate Medium, CTM - Double-packed (STBMCTM12DP)**

- Intended for the detection of anaerobic bacteria, however also enables aerobic bacterial detection. This medium is used for sterility testing by membrane filtration or direct inoculation.

- **Closure**
  - Screw cap with septum – double packed

- **Volume (mL)**
  - 100 mL

- **Packaging**
  - 12 per pack

- **Sterilization**
  - Autoclaving + ethylene oxide

- **Color**
  - Light yellow, slightly opalescent and viscous liquid with a pink ring in suspension < 1 cm

- **Shelf life**
  - 12 months

- **pH at 25 °C**
  - pH 7.1 ±0.2

- **Storage conditions**
  - Room Temperature (2 to 25 °C)

- **Regulatory conformance**
  - USP <71>

- **QC organisms**
  - C. sporogenes (ATCC 11437), S. aureus (ATCC 6538), P. aeruginosa (ATCC 9027)
<table>
<thead>
<tr>
<th>Culture Media bottle</th>
<th>Closure</th>
<th>Volume (mL)</th>
<th>Qty/pk</th>
<th>Product #</th>
<th>More Information</th>
<th>Add to Cart</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soybean-Casein Digest Medium (Trycase Soy Broth, TSB)</td>
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<td>100 mL</td>
<td>12</td>
<td>STBMTSB12</td>
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<tr>
<td>Fluid Thioglycollate Medium, FTM</td>
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<tr>
<td>Clear Thioglycollate Medium, CTM</td>
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</tbody>
</table>

### Clear Thioglycollate Medium, CTM (1.46456)

- Intended for the detection of anaerobic bacteria, however also enables aerobic bacterial detection. This medium is used for sterility testing by membrane filtration or direct inoculation.

<table>
<thead>
<tr>
<th>Property</th>
<th>Value/Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Closure</td>
<td>Crimp cap with septum</td>
</tr>
<tr>
<td>Volume (mL)</td>
<td>100 mL</td>
</tr>
<tr>
<td>Packaging</td>
<td>10 per pack</td>
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<tr>
<td>Sterilization</td>
<td>Autoclaving</td>
</tr>
<tr>
<td>Color</td>
<td>Light yellow, slightly opalescent and viscous liquid with a pink ring in suspension &lt; 1 cm</td>
</tr>
<tr>
<td>pH at 25 °C</td>
<td>pH 7.1 ±0.2</td>
</tr>
<tr>
<td>Storage conditions</td>
<td>Room Temperature (2 to 25 °C)</td>
</tr>
<tr>
<td>Regulatory conformance</td>
<td>USP &lt;71&gt;</td>
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<tr>
<td>QC organisms</td>
<td>C. sporogenes (ATCC 11437), S. aureus (ATCC 6538), P. aeruginosa (ATCC 9027)</td>
</tr>
</tbody>
</table>

Order Now

*Request Information*
Sterility Testing Rinsing Fluids

**Fluid A** is a rinsing fluid recommended by the European (EP), United States (USP) and Japanese (JP) Pharmacopeia for the rinsing of aqueous solutions during sterility testing by membrane filtration. It is also used for diluting soluble solids for the same application. In addition, fluid A is recommended as a rinsing fluid for membrane filtration of non sterile products.

**Fluid D** is recommended by the United States Pharmacopeia (USP) for the rinsing of solutions containing oil or lecithin during sterility testing by membrane filtration. Fluid D can also be used for the removal of antimicrobial activity by membrane filtration for non sterile products.

**Fluid K** is suitable for testing specimens that contain petrolatum, oils, or oily solutions. Excellent for rinsing pathways of medical devices, and for samples that are “difficult” to filter or dissolve.

**Sterile Isopropyl myristate (IPM)** is sterilized using gamma-irradiation, and ready-to-use. The use of IPM is recommended in EP <2.6.1>, JP <4.06> and <USP 71> as diluent for oils and oily solutions, as well as for ointments and creams because its solvent properties improve the filterability of these samples.
### Ordering Information

#### Sterility Testing Rinsing Fluids

<table>
<thead>
<tr>
<th>Rinse fluid solution bottle</th>
<th>Closure</th>
<th>Volume (mL)</th>
<th>Qty/pk</th>
<th>Product #</th>
<th>More Information</th>
<th>Add to Cart</th>
</tr>
</thead>
<tbody>
<tr>
<td>USP Rinse Fluid A</td>
<td>Screw cap with septum</td>
<td>900 mL</td>
<td>4</td>
<td>STBMRFA94</td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>600 mL</td>
<td>4</td>
<td>STBMRFA64</td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>300 mL</td>
<td>4</td>
<td>STBMRFA34</td>
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<tr>
<td></td>
<td></td>
<td>100 mL</td>
<td>12</td>
<td>STBMRFA12</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Screw cap with septum – double packed</td>
<td>100 mL</td>
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<td>STBMRFA12DP</td>
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<tr>
<td>USP Rinse Fluid D</td>
<td>Screw cap with septum</td>
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<td>6</td>
<td>1.46415</td>
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<td></td>
<td>Crimp cap with septum</td>
<td>100 mL</td>
<td>10</td>
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<tr>
<td>USP Rinse Fluid K</td>
<td>Screw cap with septum</td>
<td>300 mL</td>
<td>4</td>
<td>STBMRFD34</td>
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<tr>
<td>Solvent</td>
<td>Crimp cap with septum</td>
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<td>6</td>
<td>1.46483</td>
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<tr>
<td>Sterile Isopropyl Myristate (IPM)</td>
<td>Crimp cap with septum</td>
<td>360 mL</td>
<td>6</td>
<td>1.46628</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DP** = Double Packed

---

**Benefits**

- Complete Sterility Testing Offer

**Regulations**

- Culture Media
- Rinsing Fluids
- Double Packed
- Customized Culture Media
- Closure Caps

**Ordering Information**
## Ordering Information

### Sterility Testing Rinsing Fluids

<table>
<thead>
<tr>
<th>Rinse fluid solution bottle</th>
<th>Closure</th>
<th>Volume (mL)</th>
<th>Qty/pk</th>
<th>Product #</th>
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</thead>
<tbody>
<tr>
<td>USP Rinse Fluid A</td>
<td>Screw cap with septum</td>
<td>900 mL</td>
<td>4</td>
<td>STBMRFA94</td>
</tr>
<tr>
<td>USP Rinse Fluid D</td>
<td>Screw cap with septum</td>
<td>900 mL</td>
<td>4</td>
<td>STBMRFD34</td>
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<tr>
<td>USP Rinse Fluid K</td>
<td>Screw cap with septum</td>
<td>900 mL</td>
<td>4</td>
<td>STBMRFK34</td>
</tr>
<tr>
<td>Solvent</td>
<td></td>
<td></td>
<td></td>
<td>STBMRFA94</td>
</tr>
<tr>
<td>Sterile Isopropyl Myristate (IPM)</td>
<td>Crimp cap with septum</td>
<td>360 mL</td>
<td>6</td>
<td>1.46628</td>
</tr>
</tbody>
</table>

### Rinse Fluid USP Rinse Fluid A (STBMRFA94)

- 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.

#### Additional Information

- **Closure**: Screw cap with septum
- **Volume (mL)**: 900 mL
- **Packaging**: 4 per pack
- **Sterilization**: Autoclaving
- **Color**: Clear, with no precipitate and free of visible particles
- **Shelf life**: 12 months
- **pH at 25 °C**: pH 7.1 ±0.2
- **Storage conditions**: Room Temperature (2 to 25 °C)
- **Regulatory conformance**: USP <71>, EP <2.6.1>, JP <4.06>
- **QC organisms**: S. aureus (ATCC 6538), B. subtilis (ATCC 6633), P. aeruginosa (ATCC 9027), C. albicans (ATCC 10231), A. niger (ATCC 16404), C. sporogenes (ATCC 11437)
### Rinsing Fluid USP Rinse Fluid A (STBMRFA64)

- 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.

<table>
<thead>
<tr>
<th>Rinse fluid solution bottle</th>
<th>Closure</th>
<th>Volume (mL)</th>
<th>Qty/pk</th>
<th>Product #</th>
<th>More Information</th>
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</thead>
<tbody>
<tr>
<td>USP Rinse Fluid A</td>
<td>Screw cap with septum</td>
<td>900 mL</td>
<td>4</td>
<td>STBMRFA94</td>
<td></td>
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<tr>
<td>USP Rinse Fluid D</td>
<td>Screw cap with septum</td>
<td>600 mL</td>
<td>4</td>
<td>STBMRFD34</td>
<td></td>
<td></td>
</tr>
<tr>
<td>USP Rinse Fluid K</td>
<td>Screw cap with septum</td>
<td>300 mL</td>
<td>4</td>
<td>STBMRFK34</td>
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</tbody>
</table>

### Solvent

**Sterile Isopropyl Myristate (IPM)**

- **Closure**: Crimp cap with septum
- **Volume (mL)**: 360 mL
- **Packaging**: 6 per pack
- **Sterilization**: Autoclaving
- **Color**: Clear, with no precipitate and free of visible particles
- **Shelf life**: 12 months
- **pH at 25 °C**: pH 7.1 ±0.2
- **Storage conditions**: Room Temperature (2 to 25 °C)
- **Regulatory conformance**: USP <71>, EP <2.6.1>, JP <4.06>
- **QC organisms**: S. aureus (ATCC 6538), B. subtilis (ATCC 6633), P. aeruginosa (ATCC 9027), C. albicans (ATCC 10231), A. niger (ATCC 16404), C. sporogenes (ATCC 11437)
### Ordering Information

#### Sterility Testing Rinsing Fluids

<table>
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<tr>
<th>Rinse fluid solution bottle</th>
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<th>Volume (mL)</th>
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<tbody>
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<td>USP Rinse Fluid A</td>
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<td>900 mL</td>
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<td>STBMRFA94</td>
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<tr>
<td>USP Rinse Fluid D</td>
<td>Screw cap with septum</td>
<td>300 mL</td>
<td>4</td>
<td>STBMRFD34</td>
</tr>
<tr>
<td>USP Rinse Fluid K</td>
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<td>STBMRFK34</td>
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<td>1.46628DP</td>
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</tbody>
</table>

**Rinsing Fluid USP Rinse Fluid A (STBMRFA34)**

- 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.

**Closure**

<table>
<thead>
<tr>
<th>USP Rinse Fluid A</th>
<th>Screw cap with septum</th>
</tr>
</thead>
<tbody>
<tr>
<td>USP Rinse Fluid D</td>
<td>Screw cap with septum</td>
</tr>
<tr>
<td>USP Rinse Fluid K</td>
<td>Screw cap with septum</td>
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</table>

**Volume (mL)**

<table>
<thead>
<tr>
<th>USP Rinse Fluid A</th>
<th>900 mL</th>
</tr>
</thead>
<tbody>
<tr>
<td>USP Rinse Fluid D</td>
<td>300 mL</td>
</tr>
<tr>
<td>USP Rinse Fluid K</td>
<td>300 mL</td>
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</table>

**Packaging**

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>USP Rinse Fluid D</td>
<td>4 per pack</td>
</tr>
<tr>
<td>USP Rinse Fluid K</td>
<td>4 per pack</td>
</tr>
</tbody>
</table>

**Sterilization**

- Autoclaving

**Color**

- Clear, with no precipitate and free of visible particles

**Shelf life**

- 12 months

**pH at 25 °C**

- pH 7.1 ± 0.2

**Storage conditions**

- Room Temperature (2 to 25 °C)

**Regulatory conformance**

- USP <71>, EP <2.6.1>, JP <4.06>

**QC organisms**

- S. aureus (ATCC 6538), B. subtilis (ATCC 6633), P. aeruginosa (ATCC 9027), C. albicans (ATCC 10231), A. niger (ATCC 16404), C. sporogenes (ATCC 11437)

---

**Ordering Information**

- **Order Now**
- **Request Information**
**Rinsing Fluid USP Rinse Fluid A (STBMRFA12)**

- 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.

<table>
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<tr>
<th>Rinse fluid solution bottle</th>
<th>Closure</th>
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<th>Qty/pk</th>
<th>Product #</th>
<th>More Information</th>
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<tbody>
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<td>STBMRFA94</td>
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<tr>
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<td>100 mL</td>
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<td>STBMRFD34</td>
<td></td>
<td></td>
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<tr>
<td>USP Rinse Fluid K</td>
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<td>300 mL</td>
<td>6</td>
<td>STBMRFK34</td>
<td></td>
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</tr>
</tbody>
</table>

**Solvent**

**Rinse fluid solution bottle**

- Sterile Isopropyl Myristate (IPM)

**Closing cap with septum**

<table>
<thead>
<tr>
<th>Rinse fluid solution bottle</th>
<th>Closure</th>
<th>Volume (mL)</th>
<th>Qty/pk</th>
<th>Product #</th>
<th>More Information</th>
<th>Add to Cart</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Screw cap with septum</td>
<td>360 mL</td>
<td>6</td>
<td>1.46628</td>
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<td></td>
</tr>
</tbody>
</table>

**Ordering Information**

- USP Rinse Fluid A
  - Suitable for general rinse buffer, dissolving or diluting samples, reconstituting commercial microorganisms, or as a transport medium.
  - pH: 7.1 ± 0.2
  - Stable at room temperature (2 to 25°C) for up to 12 months.
  - Conforms to USP <71>, EP <2.6.1>, JP <4.06> standards.
  - Sterilized by autoclaving.

- USP Rinse Fluid D
  - Suitable for dissolving or diluting samples, reconstituting microorganisms.
  - pH: 7.1 ± 0.2
  - Stable at room temperature (2 to 25°C) for up to 12 months.
  - Conforms to USP <71>, EP <2.6.1>, JP <4.06> standards.

- USP Rinse Fluid K
  - Suitable for dissolving or diluting samples, reconstituting microorganisms.
  - pH: 7.1 ± 0.2
  - Stable at room temperature (2 to 25°C) for up to 12 months.
  - Conforms to USP <71>, EP <2.6.1>, JP <4.06> standards.

- Solvent
  - Sterile Isopropyl Myristate (IPM)
  - pH: 7.1 ± 0.2
  - Stable at room temperature (2 to 25°C) for up to 12 months.
  - Conforms to USP <71>, EP <2.6.1>, JP <4.06> standards.
Ordering Information

Sterility Testing Rinse Fluids

<table>
<thead>
<tr>
<th>Rinse fluid solution bottle</th>
<th>Closure</th>
<th>Volume (mL)</th>
<th>Qty/pk</th>
<th>Product #</th>
<th>More Information</th>
<th>Add to Cart</th>
</tr>
</thead>
<tbody>
<tr>
<td>USP Rinse Fluid A</td>
<td>Screw cap with septum – double packed</td>
<td>900 mL</td>
<td>4</td>
<td>STBMRFA94</td>
<td></td>
<td></td>
</tr>
<tr>
<td>USP Rinse Fluid D</td>
<td>Screw cap with septum</td>
<td>100 mL</td>
<td>12 per pack</td>
<td>STBMRFD34</td>
<td></td>
<td></td>
</tr>
<tr>
<td>USP Rinse Fluid K</td>
<td>Screw cap with septum</td>
<td>300 mL</td>
<td>6</td>
<td>1.46483</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solvent</td>
<td>Crimp cap with septum</td>
<td>300 mL</td>
<td>6</td>
<td>1.46470</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sterile Isopropyl Myristate (IPM)</td>
<td>Crimp cap with septum</td>
<td>360 mL</td>
<td>6</td>
<td>1.46628</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Rinsing Fluid USP Rinse Fluid A - Double-Packed (STBMRFA12DP)**

- 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.

<table>
<thead>
<tr>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Closure</td>
<td>Screw cap with septum – double packed</td>
</tr>
<tr>
<td>Volume (mL)</td>
<td>100 mL</td>
</tr>
<tr>
<td>Packaging</td>
<td>12 per pack</td>
</tr>
<tr>
<td>Sterilization</td>
<td>Autoclaving + Ethylene oxide</td>
</tr>
<tr>
<td>Color</td>
<td>Clear, with no precipitate and free of visible particles</td>
</tr>
<tr>
<td>Shelf life</td>
<td>12 months</td>
</tr>
<tr>
<td>pH at 25 °C</td>
<td>pH 7.1 ±0.2</td>
</tr>
<tr>
<td>Storage conditions</td>
<td>Room Temperature (2 to 25 °C)</td>
</tr>
<tr>
<td>Regulatory conformance</td>
<td>USP &lt;71&gt;, EP &lt;2.6.1&gt;, JP &lt;4.06&gt;</td>
</tr>
<tr>
<td>QC organisms</td>
<td>S. aureus (ATCC 6538), B. subtilis (ATCC 6633), P. aeruginosa (ATCC 9027), C. albicans (ATCC 10231), A. niger (ATCC 16404), C. sporogenes (ATCC 11437)</td>
</tr>
</tbody>
</table>

[Order Now] [Request Information]
**Ordering Information**

**Sterility Testing Rinsing Fluids**

<table>
<thead>
<tr>
<th>Rinse fluid solution bottle</th>
<th>Closure</th>
<th>Volume (mL)</th>
<th>Qty/pk</th>
<th>Product #</th>
</tr>
</thead>
<tbody>
<tr>
<td>USP Rinse Fluid A</td>
<td></td>
<td>900 mL</td>
<td>4</td>
<td>STBMRFA94</td>
</tr>
</tbody>
</table>

**Rinsing Fluid USP Rinse Fluid A (1.46415)**

- 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.

**USP Rinse Fluid D**

- Closure: Crimp cap with septum
- Volume (mL): 300 mL
- Packaging: 6 per pack
- Sterilization: Autoclaving
- Color: Clear, with no precipitate and free of visible particles
- pH at 25 °C: pH 7.1 ±0.2
- Storage conditions: Room Temperature (2 to 25 °C)
- Regulatory conformance: USP <71>, EP <2.6.1>, JP <4.06>
- QC organisms: S. aureus (ATCC 6538), B. subtilis (ATCC 6633), P. aeruginosa (ATCC 9027), C. albicans (ATCC 10231), A. niger (ATCC 16404), C. sporogenes (ATCC 11437)

**USP Rinse Fluid K**

- Closure: Crimp cap with septum
- Volume (mL): 300 mL
- Packaging: 6 per pack
- Sterilization: Autoclaving
- Color: Clear, with no precipitate and free of visible particles
- pH at 25 °C: pH 7.1 ±0.2
- Storage conditions: Room Temperature (2 to 25 °C)
- Regulatory conformance: USP <71>, EP <2.6.1>, JP <4.06>
- QC organisms: S. aureus (ATCC 6538), B. subtilis (ATCC 6633), P. aeruginosa (ATCC 9027), C. albicans (ATCC 10231), A. niger (ATCC 16404), C. sporogenes (ATCC 11437)

**Solvent**

**Rinse fluid solution bottle**

- Sterile Isopropyl Myristate (IPM)
- Closure: Crimp cap with septum
- Volume (mL): 360 mL
- Packaging: 6 per pack
- Sterilization: Autoclaving
- Color: Clear, with no precipitate and free of visible particles
- pH at 25 °C: pH 7.1 ±0.2
- Storage conditions: Room Temperature (2 to 25 °C)
- Regulatory conformance: USP <71>, EP <2.6.1>, JP <4.06>
- QC organisms: S. aureus (ATCC 6538), B. subtilis (ATCC 6633), P. aeruginosa (ATCC 9027), C. albicans (ATCC 10231), A. niger (ATCC 16404), C. sporogenes (ATCC 11437)
## Culture Media & Rinsing Fluids

### Benefits
- Complete Sterility
- Testing Offer
- Regulations
- Culture Media
- Rinsing Fluids
- Double Packed
- Customized Culture Media
- Closure Caps
- Ordering Information

### Ordering Information

#### Sterility Testing Rinsing Fluids

<table>
<thead>
<tr>
<th>Rinse fluid solution bottle</th>
<th>Closure</th>
<th>Volume (mL)</th>
<th>Qty/pk</th>
<th>Product #</th>
<th>More Information</th>
<th>Add to Cart</th>
</tr>
</thead>
<tbody>
<tr>
<td>USP Rinse Fluid A</td>
<td></td>
<td>900 mL</td>
<td>4</td>
<td>STBMRFA94</td>
<td></td>
<td></td>
</tr>
<tr>
<td>USP Rinse Fluid D</td>
<td></td>
<td>100 mL</td>
<td>10</td>
<td>STBMRFD34</td>
<td></td>
<td></td>
</tr>
<tr>
<td>USP Rinse Fluid K</td>
<td></td>
<td>300 mL</td>
<td>6</td>
<td>1.46415</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solvent</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sterile Isopropyl Myristate (IPM)</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Rinsing Fluid USP Rinse Fluid A (1.46470)

- 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.

<table>
<thead>
<tr>
<th>Closure</th>
<th>Crimp cap with septum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume (mL)</td>
<td>100 mL</td>
</tr>
<tr>
<td>Packaging</td>
<td>10 per pack</td>
</tr>
<tr>
<td>Sterilization</td>
<td>Autoclaving</td>
</tr>
<tr>
<td>Color</td>
<td>Clear, with no precipitate and free of visible particles</td>
</tr>
<tr>
<td>Shelf life</td>
<td>12 months</td>
</tr>
<tr>
<td>pH at 25 °C</td>
<td>pH 7.1 ±0.2</td>
</tr>
<tr>
<td>Storage conditions</td>
<td>Room Temperature (2 to 25 °C)</td>
</tr>
<tr>
<td>Regulatory conformance</td>
<td>USP &lt;71&gt;, EP &lt;2.6.1&gt;, JP &lt;4.06&gt;</td>
</tr>
<tr>
<td>QC organisms</td>
<td>S. aureus (ATCC 6538), B. subtilis (ATCC 6633), P. aeruginosa (ATCC 9027), C. albicans (ATCC 10231), A. niger (ATCC 16404), C. sporogenes (ATCC 11437)</td>
</tr>
</tbody>
</table>

Order Now

Request Information
## Ordering Information

### Sterility Testing Rinsing Fluids

<table>
<thead>
<tr>
<th>Rinse fluid solution bottle</th>
<th>Closure</th>
<th>Volume (mL)</th>
<th>Qty/pk</th>
<th>Product #</th>
<th>More Information</th>
<th>Add to Cart</th>
</tr>
</thead>
<tbody>
<tr>
<td>USP Rinse Fluid A</td>
<td></td>
<td></td>
<td></td>
<td>STBMRFA94</td>
<td></td>
<td></td>
</tr>
<tr>
<td>USP Rinse Fluid D</td>
<td>Crimp cap with septum</td>
<td>300 mL</td>
<td></td>
<td>STBMRFD34</td>
<td></td>
<td></td>
</tr>
<tr>
<td>USP Rinse Fluid K</td>
<td>Crimp cap with septum</td>
<td>300 mL</td>
<td></td>
<td>STBMRFK34</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solvent</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sterile Isopropyl Myristate (IPM)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Rinsing Fluid USP Rinse Fluid D (1.46483)

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

<table>
<thead>
<tr>
<th>Closure</th>
<th>Crimp cap with septum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume (mL)</td>
<td>300 mL</td>
</tr>
<tr>
<td>Packaging</td>
<td>6 per pack</td>
</tr>
<tr>
<td>Sterilization</td>
<td>Autoclaving</td>
</tr>
<tr>
<td>Color</td>
<td>Clear, with no precipitate and free of visible particles</td>
</tr>
<tr>
<td>Shelf life</td>
<td>12 months</td>
</tr>
<tr>
<td>pH at 25 °C</td>
<td>pH 7.1 ±0.2</td>
</tr>
<tr>
<td>Storage conditions</td>
<td>Room Temperature (2 to 25 °C)</td>
</tr>
<tr>
<td>Regulatory conformance</td>
<td>USP &lt;71&gt;</td>
</tr>
<tr>
<td>QC organisms</td>
<td><em>S. aureus</em> (ATCC 6538), <em>B. subtilis</em> (ATCC 6633), <em>P. aeruginosa</em> (ATCC 9027), <em>C. albicans</em> (ATCC 10231), <em>A. niger</em> (ATCC 16404), <em>C. sporogenes</em> (ATCC 11437)</td>
</tr>
</tbody>
</table>

**Ordering Information**

- **Culture Media & Rinsing Fluids**
- **Benefits**
- **Regulations**
- **Culture Media**
- **Rinsing Fluids**
- **Double Packed**
- **Customized Culture Media**
- **Closure Caps**
- **Complete Sterility Testing Offer**

**Request Information**
## Ordering Information

### Sterility Testing Rinsing Fluids

<table>
<thead>
<tr>
<th>Rinse fluid solution bottle</th>
<th>Closure</th>
<th>Volume (mL)</th>
<th>Qty/pk</th>
<th>Product #</th>
<th>More Information</th>
<th>Add to Cart</th>
</tr>
</thead>
<tbody>
<tr>
<td>USP Rinse Fluid A</td>
<td></td>
<td>900 mL</td>
<td>4</td>
<td>STBMRFA94</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### USP Rinse Fluid D (STBMRFD34)
- 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.

<table>
<thead>
<tr>
<th>Closure</th>
<th>Screw cap with septum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume (mL)</td>
<td>300 mL</td>
</tr>
<tr>
<td>Packaging</td>
<td>4 per pack</td>
</tr>
<tr>
<td>Sterilization</td>
<td>Autoclaving</td>
</tr>
<tr>
<td>Color</td>
<td>Clear, with no precipitate and free of visible particles</td>
</tr>
<tr>
<td>Shelf life</td>
<td>12 months</td>
</tr>
<tr>
<td>pH at 25 °C</td>
<td>pH 7.1 ±0.2</td>
</tr>
<tr>
<td>Storage conditions</td>
<td>Room Temperature (2 to 25 °C)</td>
</tr>
<tr>
<td>Regulatory conformance</td>
<td>USP &lt;71&gt;</td>
</tr>
<tr>
<td>QC organisms</td>
<td>S. aureus (ATCC 6538), B. subtilis (ATCC 6633), P. aeruginosa (ATCC 9027), C. albicans (ATCC 10231), A. niger (ATCC 16404), C. sporogenes (ATCC 11437)</td>
</tr>
</tbody>
</table>

### USP Rinse Fluid K

<table>
<thead>
<tr>
<th>Rinse fluid solution bottle</th>
<th>Closure</th>
<th>Volume (mL)</th>
<th>Qty/pk</th>
<th>Product #</th>
<th>More Information</th>
<th>Add to Cart</th>
</tr>
</thead>
<tbody>
<tr>
<td>USP Rinse Fluid K</td>
<td></td>
<td></td>
<td>4</td>
<td>STBMRFK34</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Solvent

<table>
<thead>
<tr>
<th>Rinse fluid solution bottle</th>
<th>Sterile Isopropyl Myristate (IPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Closure</td>
<td>Crimp cap with septum</td>
</tr>
<tr>
<td>Volume (mL)</td>
<td>360 mL</td>
</tr>
<tr>
<td>Packaging</td>
<td>6 per pack</td>
</tr>
<tr>
<td>Sterilization</td>
<td>Autoclaving</td>
</tr>
<tr>
<td>Color</td>
<td>Clear, with no precipitate and free of visible particles</td>
</tr>
<tr>
<td>Shelf life</td>
<td>12 months</td>
</tr>
<tr>
<td>pH at 25 °C</td>
<td>pH 7.1 ±0.2</td>
</tr>
<tr>
<td>Storage conditions</td>
<td>Room Temperature (2 to 25 °C)</td>
</tr>
<tr>
<td>Regulatory conformance</td>
<td>USP &lt;71&gt;</td>
</tr>
<tr>
<td>QC organisms</td>
<td>S. aureus (ATCC 6538), B. subtilis (ATCC 6633), P. aeruginosa (ATCC 9027), C. albicans (ATCC 10231), A. niger (ATCC 16404), C. sporogenes (ATCC 11437)</td>
</tr>
</tbody>
</table>

**Ordering Information**

**Benefits**

- Complete Sterility Testing Offer

**Regulations**

- Double Packed
- Customized Culture Media
- Closure Caps

**Culture Media & Rinsing Fluids**
Ordering Information

Sterility Testing Rinsing Fluids

<table>
<thead>
<tr>
<th>Rinse fluid solution bottle</th>
<th>Closure</th>
<th>Volume (mL)</th>
<th>Qty/pk</th>
<th>Product #</th>
<th>More Information</th>
<th>Add to Cart</th>
</tr>
</thead>
<tbody>
<tr>
<td>USP Rinse Fluid A</td>
<td></td>
<td>900 mL</td>
<td>4</td>
<td>STBMRFA94</td>
<td></td>
<td></td>
</tr>
<tr>
<td>USP Rinse Fluid D</td>
<td></td>
<td>300 mL</td>
<td>4</td>
<td>STBMRFD34</td>
<td></td>
<td></td>
</tr>
<tr>
<td>USP Rinse Fluid K</td>
<td></td>
<td>300 mL</td>
<td>6</td>
<td>STBMRFK34</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solvent</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Rinsing Fluid USP Rinse Fluid K (STBMRFK34)**

- 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.

**USP Rinse Fluid K**

- Closure: Screw cap with septum
- Volume (mL): 300 mL
- Packaging: 4 per pack
- Sterilization: Autoclaving
- Color: Light yellow
- Shelf life: 12 months
- pH at 25 °C: pH 6.9 ±0.2
- Storage conditions: Room Temperature (2 to 25 °C)
- Regulatory conformance: USP <71>, EP <2.6.1>, JP <4.06>
- QC organisms: *S. aureus* (ATCC 6538), *B. subtilis* (ATCC 6633), *P. aeruginosa* (ATCC 9027), *C. albicans* (ATCC 10231), *A. niger* (ATCC 16404), *C. sporogenes* (ATCC 11437)

Request Information
**Ordering Information**

**Sterility Testing Rinsing Fluids**

<table>
<thead>
<tr>
<th>Rinse fluid solution bottle</th>
<th>Closure</th>
<th>Volume (mL)</th>
<th>Qty/pk</th>
<th>Product #</th>
<th>More Information</th>
<th>Add to Cart</th>
</tr>
</thead>
<tbody>
<tr>
<td>USP Rinse Fluid A</td>
<td></td>
<td>900</td>
<td>4</td>
<td>STBMRFA94</td>
<td></td>
<td></td>
</tr>
<tr>
<td>USP Rinse Fluid D</td>
<td></td>
<td>300</td>
<td></td>
<td>STBMRFD34</td>
<td></td>
<td></td>
</tr>
<tr>
<td>USP Rinse Fluid K</td>
<td></td>
<td>300</td>
<td></td>
<td>STBMRFK34</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solvent</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Sterile Isopropyl myristate (IPM) (146628)**

- Improve dissolution of viscous products, ointments and creams prior to membrane filtration
- Sterilized and ready-to-use
- To be use in combination of the Steritest™ NEO Green base (TZHVSL210)

**Sterile Isopropyl Myristate (IPM)**

**Solvent Rinse fluid solution bottle**

<table>
<thead>
<tr>
<th>Closure</th>
<th>Crimp cap with septum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume (mL)</td>
<td>300 mL</td>
</tr>
<tr>
<td>Packaging</td>
<td>6 per pack</td>
</tr>
<tr>
<td>Maximum Temperature</td>
<td>45 °C</td>
</tr>
<tr>
<td>Sterilization</td>
<td>Gamma irradiation</td>
</tr>
<tr>
<td>Color</td>
<td>Clear, with no precipitate and free of visible particles</td>
</tr>
<tr>
<td>Shelf life</td>
<td>12 months</td>
</tr>
<tr>
<td>Storage conditions</td>
<td>15 to 25 °C</td>
</tr>
</tbody>
</table>

**Order Now**

**Culture Media & Rinsing Fluids**

- Complete Sterility Testing Offer
- Benefits
- Regulations
- Culture Media
- Rinsing Fluids
- Double Packed
- Customized Culture Media
- Closure Caps

**Request Information**
Double-Packed Sterility Testing Media & Rinse Fluids
Gamma Sterilized

Sterility testing culture media and rinsing fluids are also available in a double-packed format. The sterilized double Tyvek® packaging helps to minimize the risk of cross-contamination in laminar flow hoods and to secure an efficient decontamination of isolator chambers. These products are supplied as 100 mL screw cap bottles.

The sterilization efficiency of the packaging, including the space between the protective cap and the septum, is verified on each batch with biological indicators. This simplified decontamination procedure saves operator time by reducing cleaning steps.

Transfer of Steritest™ Media and Rinse Fluid Double-packed Bottles into a Laminar Flow Hood

Unclassified Room

Bag decontamination

Bag with perfect cut sealing for an optimal decontamination.

Classified Room

Bag opening and transfer of devices

Transfer of sterile devices into the LFH results in time savings.
Customized Culture Media

If for your application, our standard offer is not appropriate, we also offer tailor-made products.

With our multipurpose filling lines, we are able to produce a wide range of customized products and volume sizes, as well as a large choice of bottle closures.

We can create a new tailor-made items for your needs:

- Filling volume
- Bottling size
- Specific formulation
- pH
- QC testing strains
- Cap type and color
- ...

Please contact us to discuss the best solution for your culture media needs.
Closure caps

**Screw Cap with Septum**
The rimless cap design minimizes the risks of cross contamination and optimizes the disinfection procedures, avoiding the risk of inhibition from disinfectant residuals.
The stopper softness allows easy piercing with needles for operator safety.

**Crimp Cap with Septum**
The crimp cap version provides a tamperproof closure to ensure a high level of security.
Our sterility testing Steritest™ Symbio pumps accompanied by our smart accessories are designed for ideal integration into any testing environment.

When used in combination with our closed membrane filtration devices and high quality culture media and rinsing fluids, this equipment offers an optimized and fully regulatory compliant testing process (USP <71>, EU Pharmacopoeia < 2.6.1> and JP Pharmacopoeia <4.06>).

**DESIGNED TO FIT YOUR TESTING ENVIRONMENT**

Whether you carry out your sterility testing in a cleanroom, isolator, or laminar flow hood, our Steritest™ Symbio Pumps ensure reproducibility, while streamlining your workflow.
Benefits

Easy-to-Use

- Reduced pump height for easy access in laminar flow hoods
- Compact pump frees working space and loading capacity in isolators
- Compatible with vertical and horizontal air flows
Benefits

Reliable

• The automatic pump head closure ensures quick and easy tube placement, as well as reliable splitting of the liquid sample
• Highly precise timer function: small volumes are sampled with high precision
Benefits

Safe

- Cleanroom-friendly hardware: air-tight housing and passive cooling prevent particle emission
- Two pressure modes – including automatic pumping speed reduction – alert the operator, reducing the risk of test interruption and minimizing the stress on any microorganisms that may be present
- Easy to clean and resistant to gas decontamination in isolators
Benefits

Ergonomic

- The housing’s ergonomic shape allows easy tube loading; no risk of pinching gloves and consequent test interruption
- Adjustable bottle holder height and tiltable display for perfect screen visibility
- Buttons designed to be operated with isolator gloves
- Easy to clean and resistant to gas decontamination in isolators
**Benefits**

- **Easy-to-Use**
- **Reliable**
- **Safe**
- **Ergonomic**
- **User-Friendly**

**User-Friendly**

- Clear user interface displayed on a 11 cm (4.3 in.) color LCD screen
- Choice of operating language (Simplified Chinese, English, French, German, Italian, Japanese, Portuguese, Spanish, Russian or Turkish)
- Test methods library: store up to 250 filtration protocols and follow them step-by-step on the screen
- Easy to clean and resistant to gas decontamination in isolators
The Perfect Fit for Your Testing Environment

We understand the challenges and requirements of testing environments. That’s why we have developed a complete set of pumps to suit the way you work.

**Steritest™ Symbio LFH Pump**

With its compact design, the Steritest™ Symbio LFH Pump can be used comfortably in the smallest testing environments, including in the laminar flow hood, biosafety cabinet, cleanroom or even inside an isolator.

**Steritest™ Symbio ISL Pump**

The Steritest™ Symbio ISL Pump is optimized for extremely convenient sterility testing inside isolators. Its table-integrated design offers more working space and loading volume in isolators. What’s more, its ergonomic buttons and knob can be easily operated while wearing isolator gloves. The pump is compatible with all standard round-table cutouts and is a perfect replacement for Steritest™ Integral and Steritest™ Equinox Isolator pumps (without table rework).

**Steritest™ Symbio FLEX Pump**

This Steritest™ Symbio FLEX Pump is very versatile, and can be installed in multiple ways – in either an isolator or a laminar flow hood. The pump is compatible with all standard round cutouts, and is also the perfect replacement for the Steritest™ Equinox Isofit, as it will also match its oval cutout without the need for table rework.
## Specifications - Steritest™ Symbio Pumps

<table>
<thead>
<tr>
<th></th>
<th>Isolator</th>
<th>Laminar flow hood</th>
<th>Multiple ways (isolator or a laminar flow hood)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Steritest™ Symbio ISL</td>
<td>Steritest™ Symbio LFH</td>
<td>Steritest™ Symbio FLEX</td>
</tr>
<tr>
<td><strong>Width</strong></td>
<td>588 mm (23.1 in.)</td>
<td>633 mm (24.9 in.)</td>
<td>645 mm (25.4 in.)</td>
</tr>
<tr>
<td><strong>Depth</strong></td>
<td>313 mm (12.3 in.)</td>
<td>372 mm (14.6 in.)</td>
<td>355 mm (14.0 in.)</td>
</tr>
<tr>
<td><strong>Height</strong></td>
<td>354 mm (13.9 in.)</td>
<td>410 mm (16.1 in.)</td>
<td>464 mm (18.3 in.)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>17.6 kg (38.8 lb)</td>
<td>15.8 kg (34.8 lb)</td>
<td>19.6 kg (43.2 lb)</td>
</tr>
<tr>
<td><strong>Pump head height</strong></td>
<td>81 mm (3.2 in.)</td>
<td>158 mm (6.2 in.)</td>
<td>189 mm (7.4 in.)</td>
</tr>
<tr>
<td><strong>Pump housing &amp; Pump head</strong></td>
<td>316L Stainless steel</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Rotation speed</strong></td>
<td>up to 240 rpm</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Power supply voltage</strong></td>
<td>100 to 240 Volt AC, 50/60 Hz</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Request more information or a quote**

**Request a demo**
Step-by-Step Onscreen Guidance

Easy and Reliable Test Reproducibility

Whatever your reasons, Steritest™ Symbio Pumps safeguard your testing procedure, ensure test method reproducibility and help you save time.

The Test Method Mode displays your sterility test protocols in an easy step-by-step way, including customized handling information. Simply choose the desired test protocol in the Steritest™ Symbio Pump’s test methods library. The test method revision number is displayed for conformity check, and the method also shows the right Steritest™ NEO filtration device(s) to use.

You will save time thanks to preset speed and timer values, automatic activation of the syringe dilution accessory or pressure regulation mode.
Software - Enhance Your Steritest™ Symbio Pumps Capabilities in 5 Steps

The dedicated Steritest™ Symbio Software allows easy creation and management of test methods and simplified synchronization.

**Step 1:** Download the Steritest™ Symbio Software from our website SigmaAldrich.com/steritest-software and install it on your laboratory computer

**Step 2:** Create your test methods library; a preview screen displays the future appearance on the pump screen

**Step 3:** Select the test method to be transferred to one or more Steritest™ Symbio Pumps

**Step 4:** Update the pump memory (USB flash drive or network cable)

**Step 5:** Print and sign the test methods details after cross checking with your quality system
Smart accessories for streamlining your workflow and increasing safety

**Procedure Step**

**Steritest™ Communication Hub Holder for Hoods**

- Easily attach the communication hub to one of the legs of the laminar flow hood
- Allows easy access to the pump’s main switch, accessories connectors and keeps the floor free of cables

**Steritest™ Connection Cable Extension with Tri-Clover® Clamp**

- Use the optional connection cable extension with Tri-Clover® clamp for the connection of the Steritest™ Symbio LFH or FLEX pump to the communication hub when used in an isolator without pump integration hole

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**Benefits**

**Perfect Fit for Your Testing Environment**

**Video**

**Pump Specifications**

**Onscreen Guidance**

**Software**

**Smart Accessories**

**Ordering Information**

---

**Complete Sterility Testing Offer**
Smart accessories for streamlining your workflow and increasing safety

**Steritest™ Glass Ampoule Breaker**

- Keep your bench clear of glass particles or droplets
- Glass parts are collected inside the container (up to 60 ampoules)
- Easy to clean and empty
- Stable feet allow flexible placement in your testing environment

**Steritest™ Holder for Steridilutor® NEO Vent Chamber**

- Prevent vials from leaking when reconstituting powders by using the holder to keep the Steridilutor® NEO vent chamber above the liquid level

**Procedure Step**

- Testing Environment Setup
- Sample Handling
- Filtration
- Waste Management
- Transport and Incubation

**Benefits**

- Perfect Fit for Your Testing Environment
- Onscreen Guidance
- Software
- Smart Accessories
- Ordering Information
Smart accessories for streamlining your workflow and increasing safety

**Procedure Step**

- **Testing Environment Setup**
- **Sample Handling**
- **Filtration**
- **Waste Management**
- **Transport and Incubation**

**Steritest™ Holder for Sterile Bags**

- Free your work bench by hanging sterile bags on the holder hooks

**Steritest™ Syringe Support**

- Safe handling of syringes with needles
- Automatic dispensing of sterile fluid to dilute the content of the syringes, eliminating the need to turn the dilution bottle between syringes during testing
Smart accessories for streamlining your workflow and increasing safety

Procedure Step
- Testing Environment Setup
- Sample Handling
- Filtration
- Waste Management
- Transport and Incubation

Steritest™ Waste Overfilling Sensor for Solid Containers

- User is warned via both an audible signal and visual alert on the Steritest™ Symbio pump screen when the waste container is almost full.
- Test in progress can be finished before the waste container is emptied or replaced.
Smart accessories for streamlining your workflow and increasing safety

Procedure Step

**Testing Environment Setup**

**Sample Handling**

**Filtration**

**Waste Management**

**Transport and Incubation**

**Steritest™ Canisters Carrying Tray and Rack**

- Enable safe transport and incubation of up to 20 canisters filled with media
- No risk of canisters falling out of the tray
- Easy visual inspection of up to 5 canisters at once
## Ordering Information

### Steritest™ Symbio Pumps

<table>
<thead>
<tr>
<th>Product name</th>
<th>Product #</th>
<th>Request a Demo</th>
<th>Add to Cart</th>
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</thead>
<tbody>
<tr>
<td>Steritest™ Symbio LFH Pump</td>
<td>SYMBLFH01WW</td>
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<tr>
<td>Steritest™ Symbio ISL Pump</td>
<td>SYMBISL01WW</td>
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<td>Steritest™ Symbio FLEX Pump</td>
<td>SYMBFLE01WW</td>
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### Steritest™ Symbio Accessories

<table>
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<tr>
<th>Product name</th>
<th>Product #</th>
<th>Request a Demo</th>
<th>Add to Cart</th>
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</thead>
<tbody>
<tr>
<td>Steritest™ Glass Ampoule Breaker</td>
<td>SYMBABR01</td>
<td><img src="image" alt="Request Demo" /></td>
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<tr>
<td>Steritest™ Holder for Steridilutor® Vent Chamber</td>
<td>SYMBSVB01</td>
<td><img src="image" alt="Request Demo" /></td>
<td><img src="image" alt="Add to Cart" /></td>
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<tr>
<td>Steritest™ Holder for Sterile Bags</td>
<td>SYMBSVB01</td>
<td><img src="image" alt="Request Demo" /></td>
<td><img src="image" alt="Add to Cart" /></td>
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<tr>
<td>Steritest™ Syringe Support</td>
<td>SYMBSYS01</td>
<td><img src="image" alt="Request Demo" /></td>
<td><img src="image" alt="Add to Cart" /></td>
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<tr>
<td>Steritest™ Waste Overfilling Sensor for Containers</td>
<td>SYMBWFS01</td>
<td><img src="image" alt="Request Demo" /></td>
<td><img src="image" alt="Add to Cart" /></td>
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<tr>
<td>Steritest™ Canisters Carrying Tray</td>
<td>SYMBCAN08</td>
<td><img src="image" alt="Request Demo" /></td>
<td><img src="image" alt="Add to Cart" /></td>
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<tr>
<td>Steritest™ Canisters Carrying Rack</td>
<td>SYMBRACK2</td>
<td><img src="image" alt="Request Demo" /></td>
<td><img src="image" alt="Add to Cart" /></td>
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<tr>
<td>Steritest™ Communication Hub Holder for Hoods</td>
<td>SYMBCHH01</td>
<td><img src="image" alt="Request Demo" /></td>
<td><img src="image" alt="Add to Cart" /></td>
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<tr>
<td>Steritest™ Communication Hub Holder for Isolators</td>
<td>SYMBCHI01</td>
<td><img src="image" alt="Request Demo" /></td>
<td><img src="image" alt="Add to Cart" /></td>
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<tr>
<td>Steritest™ Connection Cable Extension with Tri-Clover® Clamp</td>
<td>SYMBXTC01</td>
<td><img src="image" alt="Request Demo" /></td>
<td><img src="image" alt="Add to Cart" /></td>
</tr>
</tbody>
</table>
A team of experts

Our services portfolio supporting the Steritest™ family for sterility testing.

Reduce your sterility testing workload and focus on critical activities.

To request a quote for a method development, IQ/OQ service, PQ consultancy, preventive maintenance, service plan or training, please contact your local sales representative.

Contact us
Consider it done

When a microbial test method (SOP) is set up for a new product, or improved for a product that demonstrates antimicrobial effects and/or filtration issues, our application scientists can develop a method that is compliant with international regulations (pharmacopoeias). Whether you need help with a new sterility test method, or to optimize an existing method, we are ready to lend a hand.
Validation protocols

Steritest™ Symbio pumps validation protocol
European A4: SYMBA4VP1
US Letter: SYMBLTVP1

Leave it to us

cGMPs and cGLPs require equipment and test methods to be validated before routine use. Our ready-to-use validation protocols for sterility testing are based on our internal product qualification test methods. These extensive protocols will enable the QC/QA lab to quickly initiate your Validation Master Plan and perform IQ, OQ and PQ (suitability of the test methodology) with ease.
Validation protocols

1. Validation Master Plan
   • Defined structure, responsibilities for qualification

2. Installation Qualification (IQ)
   • Verification and identification of the equipment
   • Verification of the product’s utilities and operating environment requirements
   • Equipment and personnel preparation

3. Operational Qualification (OQ)
   • Verification of the product’s functionality (hardware, software, devices)

4. Performance Qualification (PQ)
   • Test Method suitability verification (microbiology validation procedures)

5. Final Report
   • Summarizes all testing performed for final approval of validation
Dedicated experts

We have experienced and trained validation engineers who are skilled to assist in validation protocol implementation within the QC microbiology laboratory, so the QC/QA departments do not have to allocate resources. A basic technical training on your installed equipment is also provided during the validation engineer’s visit. Rely on our expertise in various situations such as:

- New lab equipment
- New product or reformulated product testing
- Compliance with updated regulations: EP, USP, JP, etc.

After the IQ/OQ has been completed we can support with PQ consultancy.
Efficient operation

Preventive maintenance and system verification enable efficient operation of critical testing equipment. Every Steritest™ pump should be serviced regularly to ensure its performance remains compliant with the specifications, as per GLP and GMP. We recommend checking and calibrating the pump on an annual basis. Upon completion of the service, we will provide you with a report defining the service performed on your pump as well as our recommendations.
Services

Annual preventive maintenance
Breakdown and spare parts
Service plans

Reduce the risk
Annual preventive maintenance will reduce the risk of breakdown and ensure that your Steritest™ pump works within system specifications. However, in case a breakdown does occur on your pump, our service team will repair it as diligently as possible at your site or in our local service center. Depending on your service plan level, spare parts and labor are covered during the service plan validity period (Total plans only).
### You have the choice between 3 coverage levels

<table>
<thead>
<tr>
<th>Service</th>
<th>Service Essential™</th>
<th>Service Advanced™</th>
<th>Service Total™</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preventive maintenance</td>
<td>Yes (1/year)</td>
<td>Covered by Essential plan</td>
<td>Covered by Essential plan</td>
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<tr>
<td>Maintenance kit (quoted separately)</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Number floating repair (labor and shipment/travel)</td>
<td>No</td>
<td>Yes (1/year)</td>
<td>Yes (unlimited)</td>
</tr>
<tr>
<td>Spare parts</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
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<tr>
<td>Return shipment</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>Travel fees</td>
<td>No, quoted separately</td>
<td>No, quoted separately</td>
<td>No, quoted separately</td>
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<tr>
<td>Options</td>
<td>To be ordered separately</td>
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<tr>
<td>Second preventive maintenance contact</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Request a quote
Training offer

BEST training
In depth theoretical training on sterility testing and applicable regulations covering:

- Result interpretation
- Method lifecycle
- Product portfolio
- Product demo
- Hands-on training

- Take preventive actions to avoid false positive or false negative test results
- Develop and optimize testing procedures
- Understand and identify root causes for common issues
- Certificate of attendance

Why take chances?
Be confident of your results with our comprehensive sterility testing solutions. To discuss a specific sterility testing application, please contact your local sales representative.

For availability of BEST training and services, contact us
For further information about our Steritest™ products please contact our local sales representative or visit our website

SigmaAldrich.com/sterility-testing