

Sterility testing

# Ensure the sterility and quality of your environmental monitoring program

Sterility testing is a crucial step in quality control that must be taken to ensure the safety of products in the cosmetic, pharmaceutical, medical device, and diagnostic equipment industries. Validate and verify with a comprehensive portfolio of sterility testing solutions from Thermo Fisher Scientific. Thermo Scientific™ Remel™ and Oxoid™ media are what you need for sterility testing as indicated in the Pharmacopeia (USP <71>, <797>, <1116>).

## Validate and verify

### Sampling and Growth

Product	REF	Type/fill
Fluid Thioglycollate Medium	R07174	10 mL tube, 20/pk
	R112646	100 mL bottle w/septum
	R112642	500 mL bottle w/septum
	R112641	100 mL serum bottle
	R112640	100 mL wide mouth bottle
	R112997	100 mL dbl bag (WMB), 10/pk
Fluid Thioglycolate Medium, Dehydrated	R453451	100g
	R453452	500g
	R453454	2.5 kg
Tryptic Soy Broth (TSB)	R117834	10 mL tube, 20/pk
	R112745	100 mL bottle w/septum
	R112732	500 mL bottle w/septum
	R112740	1000 mL bottle
	R112731	100 mL serum bottle
	R112730	100 mL wide mouth bottle
	R112996	100 mL dbl bag (WMB), 10/pk
Vegetable Peptone Broth (VPB)	VG0101B	500 g
	VG0101T	5 kg
Cold filterable TSB	CM1065B	500 g
	CM1065T	5 kg
Cold filterable Vegetable Peptone Broth	VG0104B	500 g
	VG0104T	5 kg

### Mycoplasma transport and isolation

Product	REF	Type/fill
MicroTest™ M4®	R12502	3 mL/tube, 12/pk
	R12500	3 mL tube, 72/pk
MicroTest™ M5®	R12516	3 mL/tube, 12/pk
	R12515	3 mL tube, 72/pk
MicroTest™ M6®	R12535	1.5 mL tube, 12/pk
	R12530	1.5 mL tube, 72/pk
10B Arginine Broth	R20305	1.8 mL tube (15x45 mm)
A-8 Agar	R20205	10/pk monoplate
A-8 Agar, selective	R20204	10/pk monoplate
SP4 Glucose Agar/Broth	R20276	10/pk monoplate
	R112585	100 mL clear square bottle
PPLO Agar/Broth	R20261	10/pk monoplate
	R20260	15x60 mm plate
	R20360	5 mL tube
Mycoplasma Broth Base	R454172	500 g
Mycoplasma Broth, Frey	R454162	500 g

## Diluting/rinsing fluids

Product	REF	Type/fill
Fluid A	R112312	300 ml bottle w/septum
	R112314	1000 ml polypropylene bottle
	R112490	100 ml serum bottle
	R112311	300 ml serum bottle
Fluid D	R112323	100 ml bottle
	R112322	300 ml bottle w/septum
	R112321	300 ml serum bottle
	R112325	100 ml wide mouth bottle
Fluid K	R112332	100 ml serum bottle

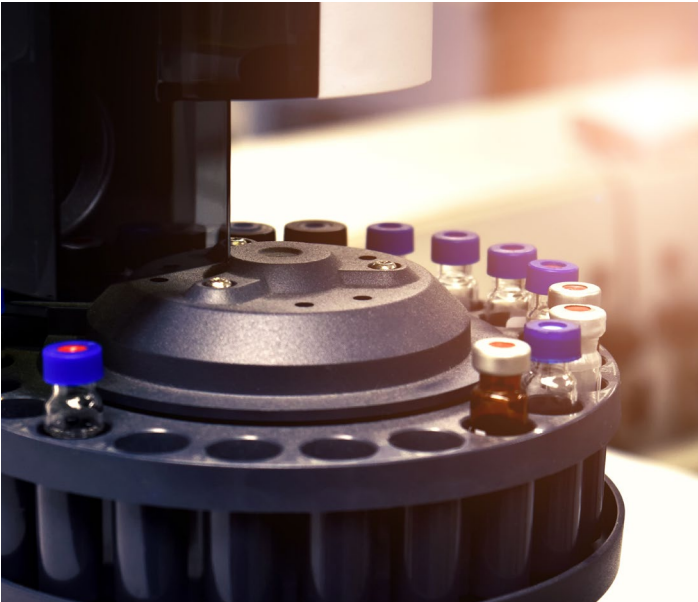
## Positive control organisms

Product	REF	Type/fill
Staphylococcus aureus ATCC® 6538™*	R4737016	10 tests/kit
	R4717016	100 tests/kit
Bacillus subtilis ATCC® 6633™*	R4731221	10 tests/kit
	R4711221	100 tests/kit
Pseudomonas aeruginosa ATCC® 9027™*	R4735210	10 tests/kit
	R4715210	100 tests/kit
Clostridium sporogenes ATCC® 19404™*	R4711700	100 tests/kit
Candida albicans ATCC® 10231™*	R4731503	10 tests/kit
	R4711503	100 tests/kit
Aspergillus brasiliensis ATCC® 16404™*	R4731100	10 tests/kit
	R4711100	100 tests/kit

## Environmental Monitoring

Category	Product	Type/fill	REF
Contact Plates*	Sterile D/E Neutralizing Agar	10/pk, double + bag	R111803
	Sterile Sabouraud Dextrose Agar w/Lecithin	10/pk, double + bag	R111805
	Sterile Tryptic Soy Agar w/Lecithin, Polysorbate 80	10/pk, double + bag	R111800
Settling Plates*	Sterile Tryptic Soy Agar	10/pk, double + bag	R111870
Swabs	Sanicult™	5ml, 100/pk	R723141
Isolator Wrap™ Sterile Contact Plates	Sterile D/E Neutralizing Agar	10/pk, foil barrier wrap + bag	R111823
	Sterile Sabouraud Dextrose Agar w/Lecithin, Polysorbate 80	10/pk, foil barrier wrap + bag	R111825
	Sterile Tryptic Soy Agar w/Lecithin, Polysorbate 80	10/pk, foil barrier wrap + bag	R111820
Triple Wrap Irradiated Plates	Tryptic Soy Agar	10/pk, 90mm Settle Plate	PO5500B
	Tryptic Soy Agar + 4 Neutralizers	10/pk, 90mm Settle Plate	PO5501B
	Tryptic Soy Agar, Contact	10/pk, 55mm Contact Plate	PO5510D
	Tryptic Soy Agar + 4 Neutralizers, Contact	10/pk, 55mm Contact Plate	PO5511D
	Sabouraud Dextrose Agar, Contact	10/pk, 55mm Contact Plate	PO5511D

\* Product availability may vary by region. Confirm your select with your account manager or customer service agent



In the United States Pharmacopoeia, methods for Sterility testing (<71>), Microbial Evaluation of Clean Rooms (<1116>), and Pharmaceutical Compounding-Sterile Preparations (<797>) all outline the need for validated sterility procedures that include environmental monitoring. While there are some commonalities among the products used for these various testing methods, it is critical to validate each chosen methodology to avoid costly false positives and loss of critical product.

Learn more at [thermofisher.com/pharmamicrobiology](https://thermofisher.com/pharmamicrobiology)

ATCC Licensed  
Derivative™

The ATCC Licensed Derivative Emblem, the ATCC Licensed Derivative word mark, and the ATCC catalog marks are trademarks of ATCC. Thermo Fisher Scientific is licensed to use these trademarks and to sell products derived from ATCC® cultures. Look for the ATCC Licensed Derivative® Emblem for products derived from ATCC® cultures. Sanicult is a trademark of Starplex Inc.