

VWR® FOR MICROBIOLOGY

Dehydrated, granulated
and ready to use media

Supplements

Dips lides

Cryopreservation

Accessories and
consumables

**ENUMERATION, ISOLATION,
DETECTION AND CULTIVATION OF
BACTERIA, YEAST AND MOULDS**

VWR is now part of Avantor
Learn more on page 48

WELCOME TO VWR'S GUIDE TO MICROBIOLOGY PRODUCTS

Our microbiology portfolio includes dehydrated, granular and ready to use media for a wide variety of applications in many different industries, including pharmaceutical, cosmetic, food, dairy, environment and water control.

All our media are, as you would expect, produced using high quality raw materials and are subject to strict quality controls, in a production environment following Good Manufacturing Practice guidelines.

- High quality raw materials are selected for the highest quality products
- Compliant with International standards, such as ISO and Pharmacopoeia
- Available in standard formulations and animal-free

Dehydrated and granulated products are available in 500 g and 5 kg packs depending on your usage, and our ready to use media offers time and cost savings from convenient, easy to use formulations ranging from plates to bottles, bags and tubes.

DOCUMENTATION

Documentation is available for download from our website vwr.com for all media products.

- Technical Data Sheets (TDS)



- Custom products available
- Certificate of Analysis (CoA) in compliance with 11133 ISO Standard
- Material Safety Data Sheets (MSDS)

For ready to use media you will also find VHP resistance studies and certificates of irradiation/dosimetry where appropriate.

NEW LABELLING CONFORMING TO CLP REGULATION (EC) NO. 1272/2008

Article number for ordering and searching on the web
Batch/Lot number

Storage conditions

Use by date, beyond this date VWR cannot guarantee the specification

Directions for use in 5 languages

Formulation

Where product is produced

The QR code includes details of the product number and batch; there is a direct link to our website to show our CoA and SDS linked to this product code.

85941.0500 Size: 500 g

Lot No.: _____ **Use By:** _____

Store at: _____

Date opened: _____

Typical formula g/l:

Tryptone#	5.00
Yeast extract	2.50
Dextrose	1.00
Agar	15.00

Final pH (at 25°C) 7.0 ± 0.2
* Casein enzymic hydrolysate

For Specifications, C of A and SDS - see vwr.com, or scan QR code.

Manufactured for: VWR International bvba
Geldenaaksebaan 464B-3001 Leuven
Belgium +32 163 85011

Made in India

for microbiology

Plate Count Agar (Standard Methods Agar) - GRANULATED

For the determination of plate counts of microorganisms in foods, water, wastewater and also from clinical samples.

Plate-Count-Agar-PCA (ISO) (Standard-Methoden-Agar)

Directions
Suspend 23.5 grams in 1000 ml purified/distilled water. Boil to dissolve the medium completely. Sterilise by autoclaving at 15lbs pressure (121°C) for 15 minutes. Cool to 45-50°C. Mix well and pour into sterile Petri dishes.

Préparation
Dissoudre 23.5 grammes dans un litre d'eau purifiée/distillée. Chauffer si besoin afin de dissoudre le milieu complètement. Stériliser par autoclave à 15 Psi (1.03 Bar) à 121°C pendant 15 mn. Refroidir jusqu'à 45-50°C. Bien mélanger et verser stérilement en boîtes de pétri.

Gebrauchsanweisung
23.5 g in 1000ml destilliertes Wasser geben und das Medium durch Erhitzen komplett lösen. Bei 121°C 15 Minuten oder nach eigener Validierung autoklavieren. Auf 45°C - 50°C abkühlen lassen. Gut durchmischen und in sterile Petrischalen gießen.

Instrucciones
Suspender 23.5 gramos en 1000 ml de agua purificada. Calentar a ebullición para disolver el medio completamente. Esterilizar en autoclave a 15 lbs de presión (121°C) durante 15 minutos. Enfriar a 45-50°C. Mezclar bien y verter en placas Petri estériles.

Istruzioni
Sospendere 23.5 grammi in 1000 ml di acqua distillata/purificata. Scaldare a bollore per dissolvere completamente il mezzo. Sterilizzare autoclave a 121°C per 15 minuti. Raffreddare a 45-50 °C. Mescolare bene e dispensare in piastre Petri sterili.



The new multilingual labels are designed to help you find the information you need easily and quickly. They always include an expiry date for unopened and correctly stored product, and usually a space for customers to enter the date of receipt and/or when the bottle was first opened. The new labels also comply with CLP requirements.

VWR® MEDIA ARE AVAILABLE IN A CHOICE OF FORMATS FOR MAXIMUM CONVENIENCE



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Dehydrated Culture Media

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USB connection



Sterile



Warranty



RS232 interface



Autoclavable



CE marking conform with IVD MDD 98/79 EC
for In-Vitro Diagnostics

Dehydrated culture media, granulated

VWR dehydrated culture media that has been granulated offers both convenience and safety benefits. The correct dissolution of culture media is critical to achieving the best performance. Granulated culture media saves time in the preparation of ready to use culture media. In addition, granulation reduces dust generation, so handling the product is more pleasant and safer for the user, making it a much cleaner and safer working environment.

Yeast glucose chloramphenicol agar (granulated) is a selective agar recommended for enumerating yeasts and moulds in milk and milk products.

Soybean casein digest medium (granulated) is a general purpose medium used for the cultivation of a wide variety of microorganisms and for sterility testing of moulds and lower bacteria in accordance with USP/EP/BP/JP/IP harmonised methods.

MacConkey broth (granulated) is used for the selective enrichment of E.coli from pharmaceutical products in accordance with microbial limit testing by USP/EP/BP/JP harmonised methods.

Sabouraud dextrose agar (granulated) is recommended for the cultivation of yeasts, moulds and aciduric bacteria from pharmaceutical products in accordance with microbial limit testing by USP/EP/BP/JP harmonised methods.

Plate count agar (granulated) is recommended for the determination of plate counts of microorganisms in food, water, wastewater and clinical samples.

Buffered peptone water (granulated) is used as a pre-enrichment medium for increasing the recovery of injured Salmonella species from foods prior to selective enrichment and isolation. The composition and performance criteria of this medium are as per the applications laid down in ISO 6579-2017.

Violet red bile glucose agar (granulated) is recommended for detection and enumeration of Enterobacteriaceae from pharmaceutical products in accordance with microbial limit testing by USP/EP/BP/JP/IP harmonised methods.

Violet red bile (VRB) agar (granulated) is recommended for selective isolation, detection and enumeration of coli-aerogenes bacteria in food, water, milk, other dairy products and clinical samples.

Columbia agar (granulated) is recommended for detection of Clostridium sporogenes from pharmaceutical products in accordance with the microbial limit testing by harmonised methodology of USP/EP/BP/JP/IP.

LB (Luria Bertani) medium, Miller (granulated) is recommended for cultivation and maintenance of recombinant strains of Escherichia coli and may be used for routine cultivation of not particularly fastidious microorganisms.

Luria medium (granulated) is recommended for routine cultivation and estimation of not particularly fastidious microorganisms and for the cultivation and maintenance of recombinant strains of Escherichia coli.

Samples are available for testing. Please contact your local VWR sales office for details.



Description	Standards	Pk	Cat. No.
Buffered peptone water (granulated)	ISO 6579-1, ISO 22964, ISO 21528-1	500 g	85948.0500
Buffered peptone water (granulated)	ISO 6579-1, ISO 22964, ISO 21528-1	5 kg	85948.5000
Columbia agar (granulated)	Ph. Eur., USP, JP	500 g	85843.0500
Columbia agar (granulated)	Ph. Eur., USP, JP	5 kg	85843.5000
LB (Luria Bertani) agar, Miller (granulated)	-	500 g	85858.0500
LB (Luria Bertani) agar, Miller (granulated)	-	5 kg	85858.5000
LB (Luria Bertani) broth, Miller (granulated)	-	500 g	85856.0500
LB (Luria Bertani) broth, Miller (granulated)	-	5 kg	85856.5000
Luria agar (granulated)	-	500 g	85857.0500
Luria agar (granulated)	-	5 kg	85857.5000
Luria broth (granulated)	-	500 g	85859.0500
Luria broth (granulated)	-	5 kg	85859.5000
MacConkey broth (granulated)	Ph. Eur., USP, JP	500 g	85835.0500
MacConkey broth (granulated)	Ph. Eur., USP, JP	5 kg	85835.5000
Plate count agar (granulated)	ISO/APHA	500 g	85941.0500
Plate count agar (granulated)	ISO/APHA	5 kg	85941.5000
Sabouraud dextrose agar (granulated)	Ph. Eur., USP, JP	500 g	85836.0500
Sabouraud dextrose agar (granulated)	Ph. Eur., USP, JP	5 kg	85836.5000
Tryptic soy agar (granulated)	Ph. Eur., USP, JP	500 g	85834.0500
Tryptic soy agar (granulated)	Ph. Eur., USP, JP	5 kg	85834.5000
Tryptic soy broth (granulated)	Ph. Eur., USP, JP	500 g	85833.0500
Tryptic soy broth (granulated)	Ph. Eur., USP, JP	5 kg	85833.5000
Violet red bile (VRB) agar (granulated)	-	500 g	85845.0500
Violet red bile (VRB) agar (granulated)	-	5 kg	85845.5000
Violet red bile glucose agar (granulated)	Ph. Eur., USP, JP	500 g	85949.0500
Violet red bile glucose agar (granulated)	Ph. Eur., USP, JP	5 kg	85949.5000
Yeast glucose chloramphenicol agar (granulated)	ISO	500 g	85832.0500
Yeast glucose chloramphenicol agar (granulated)	ISO	5 kg	85832.5000

Dehydrated culture media, powdered

A range of culture media in compliance with ISO standards and the International Harmonised Pharmacopoeia. All our media are, as you would expect, produced using high quality raw materials and are subject to strict quality controls, in a production environment following Good Manufacturing Practice guidelines. Raw materials are selected in compliance with the required standards. Dehydrated culture media should be stored at 10 to 30 °C unless otherwise stated, in their closed containers in a dry environment. Standard pack size is 500 g.

- Compliant with international standards, such as ISO and Pharmacopoeia
- Media growth promotion testing performed in compliance with Pharmacopoeias and ISO 11133
- Available in animal-free standard formulations
- Custom products available



Description	Required supplements	Standards	Pk	Cat. No.
Antibiotic medium E		Ph. Eur	500 g	85056.0500
Baird Parker agar (base)	351430XF, 602730ZL	ISO 5944, 6888-1, 22718 and USP	500 g	84664.0500
BAT agar		-	500 g	85940.0500
Blood agar (base)		ISO 11133	500 g	84619.0500
Blood agar no.2 (base)		ISO 11290-1, ISO 11290-2	500 g	84647.0500
Brain heart infusion broth		ISO 11133-2, DIN 10163, ISO 6888-1, ISO 6888-2, ISO 6888-3	5 kg	84626.5000
Brain heart infusion broth		ISO 11133-2, DIN 10163, ISO 6888-1, ISO 6888-2, ISO 6888-3	500 g	84626.0500
Brilliant green agar		ISO 19250	500 g	84631.0500
Brilliant green agar modified (brilliant green phenol red lactose agar)		ISO 6340, DIN 10160, DIN 10181, ISO 19250	500 g	84634.0500
Brilliant green bile broth		APHA, ISO 4831, ISO 4832	500 g	84682.0500
Buffered peptone water		ISO 6579, 11290-2, 6887-1, ISO 22964, ISO 21528, ISO 19250	500 g	84600.0500
Buffered peptone water		ISO 6579, 11290-2, 6887-1, ISO 22964, ISO 21528, ISO 19250	5 kg	84600.5000
Buffered peptone water		ISO 6579, 11290-2, 6887-1, ISO 22964, ISO 21528, ISO 19250	25 kg	84600.25000
Buffered peptone water		ISO 6579, 11290-2, 6887-1, ISO 22964, ISO 21528, ISO 19250	5 kg	85053.5000
Buffered sodium chloride peptone broth		Ph. Eur., USP, JP, ISO 21149	500 g	84605.0500
Campylobacter blood-free medium base Bolton (mCCDA)	84742.0001	ISO 10272, ISO 17995	500 g	84695.0500
Campylobacter Bolton broth base (modified CCDA)	84744.0001	ISO 10272	500 g	84697.0500
Campylobacter Karmali medium agar base	84743.0001	ISO 10272, AOAC	500 g	84696.0500
Casein peptone lecithin polysorbate broth		USP	500 g	84901.0500
Chromogenic coliform agar (CCA)	928390NL	ISO 9308-1	500 g	84903.0500
CLED agar		ISO 11133	500 g	84668.0500
Columbia agar base		Ph. Eur., USP, JP, ISO 14189, ISO 10272	500 g	84621.0500
Columbia agar base		Ph. Eur., USP, JP, ISO 14189, ISO 10272	5 kg	84621.5000
Dichloran glycerol (DG18) agar base	84729.0001	ISO 21527-2	500 g	84632.0500
Dichloran rose bengal chloramphenicol (DRBC) agar		ISO 21527-1	500 g	84670.0500
Differential clostridial agar			500 g	85837.0500
EC broth		ISO 7251, 9308-2	500 g	84627.0500
Endo LES agar		APHA, standard methods for the examination of water and wastewater	500 g	84645.0500
Enterobacteriaceae enrichment broth (Mossel)		APHA, ISO 21528	500 g	84678.0500
Enterobacteriaceae enrichment broth (Mossel)		Ph. Eur, USP, JP	500 g	84689.0500
Enterobacteriaceae enrichment broth (Mossel)		Ph. Eur, USP, JP	5 kg	84689.5000
Fecal coliforms agar (m-FC agar)	355070ZF	APHA, AWWA, WEF	500 g	84644.0500
Fluid thioglycolate medium		Ph. Eur., USP, JP	500 g	84681.0500
Fluid thioglycolate medium		Ph. Eur., USP, JP	5 kg	84681.5000
Fraser broth base (ISO)	84720.0001 and 84721.0001	ISO 11290	500 g	84611.0500
Fraser broth base (ISO)	84720.0001 and 84721.0001	ISO 11290	5 kg	84611.5000
Girolitti-Cantoni broth	900010ZK	ISO 6888-3, ISO 5994, FIL-IDF	500 g	85942.0500
GSP (glutamate starch phenol red) agar	-	-	500 g	85946.0500
Hektoen enteric agar		ISO 11133, ISO, AOAC, APHA	500 g	84691.0500
Kanamycin aesculine azide agar			500 g	85838.0500
KF Streptococcus agar	84731.0001	ISO 11133, APHA	500 g	84633.0500
Lactose TTC Tergitol® 7 agar (Chapman TTC agar)	301950ZK	Ph. Eur.	500 g	84657.0500
Lauryl sulphate broth		ISO 7251, ISO 4831, ISO 9308-2	500 g	84639.0500
LB agar acc. Miller		ISO 11133	500 g	84684.0500
LB agar acc. Miller		ISO 11133	5 kg	84684.5000
LB broth acc. Lennox			5 kg	85947.5000
LB broth acc. Miller		ISO 11133	500 g	84649.0500
LB broth acc. Miller		ISO 11133	5 kg	84649.5000
Legionella CYE agar base	84725.0001, 84726.0001, 84727.0001	ISO 11731	500 g	84629.0500
Legionella CYE agar base	84725.0001, 84726.0001, 84727.0001	ISO 11731	5 kg	84629.5000
Letheen broth modified		ISO 21149, ISO 22717 and ISO 22718, USP, ASTM, E 640-78	500 g	84673.0500
Linde grain medium		-	5 kg	84954.5000

Dehydrated Culture Media

Description	Required supplements	Standards	Pk	Cat. No.
Linden grain broth		-	5 kg	84951.5000
Listeria buffered enrichment broth base	928380NL	ISO 11133-2, FDA-BAM, FIL-IDF	500 g	84652.0500
Listeria enrichment broth		ISO 11133-2, FIL-IDF, FDA	500 g	84606.0500
Listeria selective agar according to Ottaviani & Agosti	335032ZF, 928460NL	ISO 6579, ISO 11290	500 g	84748.0500
Lysine agar		-	500 g	85050.0500
MacConkey agar		Ph. Eur., USP, JP, ISO 21567	500 g	84614.0500
MacConkey broth		ISO 11133-2, ISO 9208-2	500 g	84680.0500
MacConkey broth	-	Ph. Eur., USP, JP	500 g	85943.0500
Malt extract agar no. 2		ISO 11133	500 g	84665.0500
Malt extract broth		ISO 11133	500 g	84666.0500
Mannitol egg yolk polymyxin agar base – MYP agar acc. to Mossel	84732.0001, 84733.0001	ISO 7932, ISO 21871	500 g	84635.0500
Mannitol salt phenol-red agar		Ph. Eur., USP, JP	500 g	84622.0500
Maximum recovery diluent		ISO 6887	500 g	84617.0500
M-broth		ISO 11133, APHA	500 g	84690.0500
Membrane lactose glucuronide agar		-	500 g	84909.0500
Milk plate count agar		DIN/IDF, ISO 17410, ISO 8552, ISO 4883	500 g	84643.0500
MRS agar		ISO 15214	500 g	84607.0500
MRS broth		ISO 11133	500 g	84613.0500
Mueller-Hinton agar		ISO 11133	500 g	84686.0500
Mueller-Hinton broth		CLSI(NCCLS)/CMPH	500 g	84648.0500
Muller-Kauffmann tetrathionate-novobiocin broth (MKTTN)	84639.0500, 84722.0001, 84723.0001	ISO 6579-1, ISO 19250	500 g	84624.0500
Nutrient agar (isotonic)		-	25 kg	84953.25000
Nutrient agar DEV		ISO 6222, TWV 2001	500 g	84749.0500
Nutrient agar no. 1		ISO 11133-2, DIN	500 g	84654.0500
Nutrient broth		APHA and ISO 6340, 6569, 6785, 8523, 10273 and 16266	500 g	84662.0500
Orange serum agar		IFU methods, ISO 8914-1, ISO 8914-1	500 g	84646.0500
Orange serum agar		IFU methods, ISO 8914-1, ISO 8914-1	5 kg	84646.5000
Oxford agar base	84728.0001	ISO 11290	500 g	84630.0500
Oxytetracycline-glucose-yeast extract agar base (OGYE agar)	968190NL	ISO 13681	500 g	84659.0500
Palcam agar base	84724.0001	ISO 11290	500 g	84625.0500
Plate count agar-PCA (Standard methods agar)		ISO 4832	500 g	84608.0500
Plate count agar-PCA (Standard methods agar)		ISO 4832	5 kg	84608.5000
Potato dextrose agar		Ph. Eur., USP, JP	500 g	84651.0500
Potato dextrose broth		ISO 11133	500 g	84957.0500
Pseudomonas agar base (ISO)	84730.0001, 84747.0001, 84746.0001, 84745.0001	ISO 13720, ISO 16266, ISO 11059	500 g	84650.0500
Pseudomonas selective (cetrimide) agar	84730.0001	Ph. Eur., USP, JP	500 g	84638.0500
R2A agar		Ph. Eur.	500 g	84671.0500
Raka Kay agar		-	500 g	85051.0500
Rappaport-Vassiliadis (RSV) broth		ISO 6579 and FIL-IDF	500 g	84656.0500
Rappaport-Vassiliadis salmonella enrichment broth		ISO 6340, Ph. Eur., USP, JP	500 g	84658.0500
Reinforced clostridial medium		ISO 11133, Ph. Eur., USP, JP	500 g	84699.0500
Rose bengal chloramphenicol agar		ISO 11133, APHA	500 g	84669.0500
Sabouraud-2% dextrose broth		ISO 11133, Ph.Eur., USP, JP ISO	500 g	84685.0500
Sabouraud dextrose agar		ISO 13681	500 g	84663.0500
SDA with chloramphenicol		Ph. Eur., ISO 11133	500 g	84902.0500
SDA with chloramphenicol (50 mg/l) agar		Ph. Eur.	500 g	85839.0500
Selenite cystine broth		ISO 11133, ISO 6785, USP APHA	500 g	84655.0500
Slanetz and Bartley agar	301950ZK	ISO 7899-2	500 g	84907.0500
Slanetz and Bartley agar		ISO 7899-2	500 g	84900.0500
SPS agar		-	500 g	84950.0500
TCBS agar		ISO 8914, ISO 21872-2	500 g	84641.0500
Tetrathionate crystal-violet broth		ISO 11133	500 g	84694.0500
Triple-sugar iron agar		ISO 6579, ISO 19250, ISO 21567	500 g	84698.0500
Tryptic soy agar (caso)		Ph. Eur., USP, JP, ISO 9308-1, ISO 21871, ISO 22964	500 g	84602.0500
Tryptic soy agar + lecithin + Tween® 80		Ph. Eur., USP, JP, ISO 9308-1, ISO 21871, ISO 22964	500 g	84642.0500
Tryptic soy broth, non animal origin, irradiated, triple-wrapped		Ph. Eur., USP, JP	500 g	84855.0500
Tryptic soy broth, non animal origin, irradiated, triple-wrapped		Ph. Eur., USP, JP	5 kg	84855.5000
Tryptic soy broth (Caso)		Ph. Eur., USP, JP	500 g	84675.0500
Tryptic soy broth irradiated		Ph. Eur., USP, JP	500 g	84677.0500
Tryptic soy broth irradiated		Ph. Eur., USP, JP	5 kg	84677.5000
Tryptic soy broth non animal origin		Ph. Eur., USP, JP	500 g	84679.0500
Tryptic soy broth non animal origin		Ph. Eur., USP, JP	5 kg	84679.5000
Tryptic soy broth non animal origin		Ph.Eur., USP, JP	500 g	85055.0500
Tryptic soy broth non animal origin, irradiated		Ph. Eur., USP, JP	5 kg	84674.5000
Tryptic soy broth non animal origin irradiated		Ph. Eur., USP, JP	500 g	84674.0500
Tryptone bile x-glucuronide agar (TBX)		ISO 16649	500 g	84637.0500
Tryptone cycloserine agar (TCA), base		ISO 14189	500 g	85054.0500
Tryptone sulphite cycloserine (TSC) agar	84734.0001	ISO 7937, ISO 15213	500 g	84636.0500
Tryptone soya broth (TSB)		Ph. Eur., USP, JP	5 kg	84675.5000

Description	Required supplements	Standards	Pk	Cat. No.
Tryptone yeast extract agar		ISO 5667, ISO 6887, ISO 8199	500 g	84906.0500
Tryptose sulphite cycloserine (TSC) agar	928330NL, 928620NL and 351430ZF	ISO 7937, ISO 14189	500 g	84905.0500
Urea agar base	992830ZF	ISO 6340, DIN, ISO 6785, ISO 21567, FIL	500 g	84653.0500
Violet red bile glucose (VRBG) agar		ISO 21528	500 g	84603.0500
Violet red bile lactose (VRB) agar		ISO 4832	500 g	84612.0500
Violet red bile lactose (VRB) MUG agar		-	500 g	84956.0500
WL nutrient agar			500 g	85945.0500
Wort agar	8730.0001	ISO 11133	500 g	84661.0500
Wort broth	8730.0001	ISO 11133	500 g	84660.0500
Xylose lysine deoxycholate (XLD) modified agar		ISO 6579 and 21567	500 g	84667.0500
Yeast and mould agar		-	500 g	85052.0500
Yeast extract agar		ISO 6222	5 kg	84683.5000
Yeast extract agar modified		ISO 6222	500 g	84683.0500
Yeast extract dextrose chloramphenicol (YGC) agar		ISO 11133-2, ISO 7964, FIL-IDF, DIN 10186	500 g	84604.0500

Base materials for dehydrated media

The ingredients used to prepare culture media are very important, because ultimately the results depend on the quality of these compounds. Raw materials should be stored at 10 to 30 °C unless otherwise stated, in their closed containers in a dry environment.

- Ingredients are specifically selected to ensure consistent, reproducible results
- Manufactured under the strictest cGMP standards



Description	Pk	Cat. No.
Bacteriological agar	500 g	84609.0500
Bacteriological agar	5 kg	84609.5000
Casein hydrolysate (acid)	500 g	84623.0500
Hive pea hydrolysate	25 kg	84862.25000
Malt extract	500 g	84618.0500
Meat extract dry	500 g	84688.0500
Meat extract dry	5 kg	84688.5000
Peptone, meat	500 g	84687.0500
Peptone, meat (enzymatic digest of animal tissue)	500 g	84620.0500
Peptone, meat (enzymatic digest of animal tissue)	5 kg	84620.5000
Peptone (pancreatic digest), indol-free for bacteriology	1 kg	26208.297
Skimmed milk powder	500 g	84615.0500
Soya peptone (enzymatic digest of soybean meal)	500 g	84616.0500
Tryptone (peptone from casein)	500 g	84610.0500
Tryptone (peptone from casein)	5 kg	84610.5000
Yeast extract	5 kg	49933200
Yeast extract	500 g	84601.0500
Yeast extract	5 kg	84601.5000



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Media supplements for VWR dehydrated culture media

The isolation of microorganisms often requires the use of specific supplements. The supplements presented here are available in vials and bottles, and the corresponding culture medium to use with them is indicated in the table below. Usually each vial is used to supplement 500 ml of media unless otherwise stated (complete information available on the specification sheets available on request).



Description	For	Pk	Cat. No.
Bacillus cereus anti-microbial supplement	Mannitol egg yolk polymyxin agar base - MYP (ISO) Cat. No. 84635.0500	10 Vial	84732.0001
BCYE α-growth supplement	Legionella CYE agar base (ISO) Cat. No. 84629.0500	4 Vial	84726.0001
BCYE α-growth supplement without cysteine	Legionella CYE agar base (ISO) Cat. No. 84629.0500	4 Vial	84727.0001
Bolton broth selective supplement	Campylobacter Bolton broth base Cat. No. 84697.0500	10 Vial	84744.0001
Campylobacter Bolton selective supplement, 225 ml	Campylobacter Bolton broth base Cat. No. 84697.0500	10 Vial	928580NL
CCD selective supplement	Campylobacter blood-free medium base Bolton - MCCDA Cat. No. 84695.0500	10 Vial	84742.0001
CFC selective supplement	Pseudomonas agar base Cat. No. 84650.0500 - in compliance with ISO 13720 (meat products)	10 Vial	84746.0001
Chloramphenicol	DG18 agar base Cat. No. 84632.0500	10 Vial	84729.0001
CN selective supplement	Pseudomonas agar base Cat. No. 84650.0500 - in compliance with EN 12780; ISO 16266 (water)	10 Vial	84745.0001
d-Cycloserine selective supplement, 40 mg	TSC (ISO) Cat. No. 84905.0500 and Cat. No. 85054.0500	10	928610NL
d-Cycloserine supplement	Tryptose sulphite cycloserine (TSC) agar Cat. No. 84636.0500	10 Vial	84734.0001
Egg yolk emulsion	Mannitol egg yolk polymyxin agar base - MYP (ISO) Cat. No. 84635.0500	50 ml	84733.0001
Fraser half selective supplement	Fraser broth to prepare half Fraser broth Cat. No. 84611.0500	10 Vial	84721.0001
Fraser selective supplement	Fraser broth Cat. No. 84611.0500	10 Vial	84720.0001
Glycerol for up to 10 l media	Pseudomonas agar base Cat. No. 84650.0500; Pseudomonas selective (cetrimide) agar (Ph. Eur., USP, JP) Cat. No. 84638.0500; Wort broth Cat. No. 84660.0500; Wort agar Cat. No. 84661.0500	100 ml	84730.0001
GVPC supplement	Legionella CYE agar base (ISO) Cat. No. 84629.0500	4 Vial	84725.0001
Iodine iodide solution for 2,5 l media in total	Muller-Kauffmann tetrathionate-novobiocin broth (MKTn) (ISO) Cat. No. 84624.0500	50 ml	84723.0001
Karmali selective supplement	Karmali medium base Cat. No. 84696.0500	10 Vial	84743.0001
Novobiocin MKTn supplement	Muller-Kauffmann tetrathionate-novobiocin broth (MKTn) (ISO) Cat. No. 84624.0500	10 Vial	84722.0001
Oxford supplement	Oxford agar base Cat. No. 84630.0500	10 Vial	84728.0001
Palcam supplement	Palcam agar base (ISO) Cat. No. 84625.0500	10 Vial	84724.0001
Potassium tellurite 1% supplement	Giolitti-Cantoni broth agar base (ISO)	100 ml	900010ZK
PP selective supplement	Pseudomonas agar base Cat. No. 84650.0500 - in compliance with ISO 11059 (milk and dairy products)	10 Vial	84747.0001
TTC 1% solution for 3 l media in total	KF Streptococcus agar base Cat. No. 84633.0500	30 ml	84731.0001
TTC 1% sterile solution	Lactose TTC Tergitol® 7 agar Cat. No. 84657.0500 and Slanetz-Bartley agar (ISO) Cat. No. 84907.0500	100 ml	301950ZK
Urea 40% solution	Urea agar base Cat. No. 84653.0500	100 ml	992830ZF



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Media supplements for dehydrated culture media

These standard supplements can be used with several culture media to prepare the complete culture media for your specific purpose. Most of these supplements are available as freeze-dried in vials and this ensures:

- No toxic agent aerosols released upon opening
- Standard volumes make preparation easier
- User friendly screw caps
- Can be stored at room temperature



Description	Pk	Cat. No.
Ampicillin selective supplement	10	928010NL
Campylobacter Bolton	10	928250NL
Campylobacter growth supplement	10	928030NL
Campylobacter Preston selective supplement with amphotericin B antifungal	10	928080NL
Campylobacter Preston selective supplement with cyclohexamide	10	928050OL
Chloramphenicol 25 selective supplement	10	928260NL
Coliform CV selective supplement	10	928390NL
Cycloheximide selective supplement	10	928370NL
D-Cycloserine selective supplement	10	928330NL
Egg yolk sterile emulsion	100 ml	351430ZF
Egg yolk tellurite sterile emulsion	50 ml	361430XF
Egg yolk tellurite sterile emulsion for 2 l media in total	100 ml	351430XF
Ferric ammonium citrate supplement (250 mg)	10	928300NL
Ferric ammonium citrate supplement (312 mg)	10	928340NL
GPS growth promotion supplement	5	968290NL
Haemophilus supplement	10	928240NL
Legionella BCYE growth supplement	5	968130NL
Legionella GVPC selective supplement	10	928140NL
Listeria enrichment supplement	10	335032ZF
Listeria FDA FIL/IDF selective supplement	10	928380NL
Listeria Fraser/UVM II sel supplement	10	928110OL
Listeria half Fraser selective supplement	10	928280NL
Listeria Oxford selective supplement	10	928170OL
Listeria Palcam selective supplement	10	928200NL
Listeria selective supplement	10	928460NL
Listeria UVM I selective supplement	10	928150NL
M-CP selective supplement	10	928320NL
MUG fluorescent supplement	10	928360NL
Nalidixate selective supplement	10	928090NL
Novobiocin selective supplement	10	928180NL
Oxytetracycline selective supplement	10	928190NL
Polymixin selective supplement	10	928020NL
Polysorbate 80 (Tween® 80)	100 ml	303570ZK
Rosolic acid solution 0,1% supplement for 12 l media in total	100 ml	355070ZF
RPF supplement for 1 l media	10	602730ZL
Sodium bisulphite selective supplement	10	928350NL
VCNT selective supplement	10	928230NL
Yersinia selective supplement	10	928240OL



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- Weighing tables - Weighing papers - Weighing boats

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Dehydrated culture media in bags, MediaBag

Each bag contains a pre-weighed amount of granulated media, double-bagged and irradiated. For just in time enrichment - add sterile water and sample material.

- Space saving, no bottles taking up shelf space
- Long shelf life
- No autoclaving and optimum solubility
- Dust-free work conditions

The following media are available for the bag system:

Buffered peptone water (BPW), in compliance with ISO 6579-1:2017, is a non selective pre-enrichment broth to increase recovery of bacteria, particularly pathogenic Enterobacteriaceae from foodstuffs

Tryptic soy broth (TSB) used mainly for Media Fill test

Fraser broth base used for the selective enrichment of *Listeria* spp.

Lactose broth used as a preliminary test for coliform bacteria detection

MacConkey broth for the detection and enumeration of coliforms

Composition in accordance with standard methods, such as ISO, AFNOR, NMKL, etc.

Special formulations and packaging formats available on request.



Description	Sterile water to be added	Pk	Cat. No.
Bags, irradiated, ready to use			
MediaBag, aluminium + paper foil, BPW	225 ml/bag	100	7501.00225
MediaBag, aluminium + paper foil, BPW	225 ml/bag	100	7591.00225
MediaBag, aluminium + paper foil, BPW	450 ml/bag	100	7501.00450
MediaBag, BPW	1350 ml/bag	100	7801.01350
MediaBag, BPW, 1530 g/bag	–	10	7801.60000
MediaBag, BPW, 1530 g/bag	–	10	7891.60000
MediaBag, aluminium + paper foil, half Fraser broth	45 ml/bag	100	7504.00045
MediaBag, aluminium + paper foil, half Fraser broth	225 ml/bag	100	7504.00225
MediaBag, aluminium + paper foil, half Fraser broth	450 ml/bag	50	7504.00450
MediaBag, aluminium + paper foil, half Fraser broth	2250 ml/bag	100	7504.02250
MediaBag, aluminium + paper foil, half Fraser broth	4500 ml/bag	100	7504.04500
MediaBag, aluminium + paper foil, Fraser broth	225 ml/bag	100	7511.00225
MediaBag, aluminium + paper foil, skimmed milk	225 ml/bag	100	7503.00225
MediaBag, aluminium + paper foil, skimmed milk	3375 ml/bag	20	7503.03375
Skimmed milk food grade instant	5 ml/bag	100	7583.0005
MediaBag, TSB, 5000 g/bag	5000 ml/bag	1	7812.05000
MediaBag, TSB, 6000 g/bag	6000 ml/bag	1	7812.06000
Stand-up bags, irradiated, ready to use			
MediaBag, stand-up bag for BPW	90 ml/bag	100	7301.00090
MediaBag, stand-up bag for BPW	225 ml/bag	100	7301.00225
MediaBag, stand-up bag for BPW	450 ml/bag	100	7301.00450
MediaBag, stand-up bag for BPW	900 ml/bag	100	7301.00900
MediaBag, stand-up bag for BPW	1125 ml/bag	100	7301.01125
MediaBag, stand-up bag for BPW	2250 ml/bag	100	7301.02250
MediaBag, stand-up bag for BPW	2700 ml/bag	50	7301.02700
MediaBag, stand-up bag for skimmed milk	250 ml/bag	100	7303.00225
MediaBag, stand-up bag for half Fraser broth with supplement	225 ml/bag	100	7304.00225
MediaBag, stand-up bag, stomacher version	400 ml/bag	25	7390.00025
Aluminium stand-up bags with grip seal, irradiated, ready to use			
MediaBag, aluminium stand-up bag for BPW	3000 ml/bag	50	7601.03000
MediaBag, aluminium stand-up bag for BPW	3375 ml/bag	50	7601.03375
MediaBag, aluminium stand-up bag for BPW	3375 ml/bag	50	7691.03375
MediaBag, aluminium stand-up bag for BPW	4000 ml/bag	50	7601.04000
MediaBag, aluminium stand-up bag for BPW	4500 ml/bag	50	7601.04500
Large bags with 50 mm screw cap, irradiated, ready to use			
MediaBag B (big bag) BPW, 68,85 g	2700 ml/bag	20	7201.02700
MediaBag B (big bag) BPW, 86,06 g	3375 ml/bag	20	7201.03375
MediaBag B (big bag) BPW	3600 ml/bag	20	7201.03600
MediaBag B (big bag) BPW	4500 ml/bag	20	7201.04500
MediaBag B (big bag) BPW	6750 ml/bag	20	7201.06750
MediaBag B (big bag) BPW	9000 ml/bag	20	7201.09000
MediaBag B (big bag) BPW, double concentration	4500 ml/bag	20	7205.04500
MediaBag B (big bag) CCL for BPW	4500 ml/bag	20	7291.04500
MediaBag B (big bag) CCL for BPW	6750 ml/bag	20	7291.06750
MediaBag B (big bag) skimmed milk, 375 g	3750 ml/bag	20	7203.00372
MediaBag B (big bag) skimmed milk powder, 50 g	3375 ml/bag	15	7203.03375
MediaBag F (fermenter)	-	50	7200.00001

Dehydrated culture media in bags, MediaBag W

MediaBag W (wire-bag) are folded bags without connectors.

Description	Sterile water to be added	Pk	Cat. No.
MediaBag W BPW (buffered peptone water)	1125 ml/bag	100	7901.01125
MediaBag W BPW (buffered peptone water)	1800 ml/bag	50	7901.01800
MediaBag W BPW (buffered peptone water)	2250 ml/bag	50	7901.02250
MediaBag W BPW (buffered peptone water)	2700 ml/bag	50	7901.02700
MediaBag W BPW (buffered peptone water)	3000 ml/bag	50	7901.03000
MediaBag W BPW (buffered peptone water)	3375 ml/bag	50	7901.03375
MediaBag W BPW (buffered peptone water)	3600 ml/bag	50	7901.03600
MediaBag W half Fraser	2250 ml/bag	25	7904.02250
MediaBag W half Fraser with supplement	900 ml/bag	50	7904.00900
MediaBag W half Fraser with supplement	1125 ml/bag	50	7904.01125



Description	Pk	Cat. No.
MediaBag filter unit and connectors	1	8001.00200
Empty 5 litre box for use with MediaBag W	10	8000.05000
Stand-up bag, 14x225 mm, sterile	50	8000.00302
Female connector	1	MPC17004T03
Male connector	1	MPC22004T

Dehydrated culture media in bags, MediaBag T

Every MediaBag T (tube-bag) is filled with pre-weighed granulated media. Connect the 0,2 µm filter unit aseptically to the tube by using the connector device. Add water under aseptic conditions into the bag via the filter system. Protect the tube end with the red cap.

Description	Sterile water to be added	Pk	Cat. No.
MediaBag T BLEB with supplement, no filter	20000 ml/bag	15	7785.20000
MediaBag T BPW (buffered peptone water)	3000 ml/bag	25	7701.03000
MediaBag T BPW (buffered peptone water)	5000 ml/bag	20	7701.05000
MediaBag T BPW (buffered peptone water)	10000 ml/bag	20	7701.10000
MediaBag T BPW (buffered peptone water)	20000 ml/bag	15	7701.20000
MediaBag T BPW (buffered peptone water)	15000 ml/bag	15	7701.15000
MediaBag T BPW (buffered peptone water)	20000 ml/bag	15	7716.20000
MediaBag T BPW (buffered peptone water)	10000 ml/bag	800	7781.10000
MediaBag T BPW (buffered peptone water)	15000 ml/bag	720	7791.15000
MediaBag T BPW (buffered peptone water), with filter	20000 ml/bag	15	7791.20000
MediaBag T for BPW, 65 cm tube	20000 ml/bag	15	7761.20000
MediaBag T half Fraser broth	10000 ml/bag	15	7704.10000
MediaBag T half Fraser broth	5000 ml/bag	15	7704.05000
MediaBag T half Fraser broth	5000 ml/bag	1	7794.05000
MediaBag T half Fraser broth, no filter	20000 ml/bag	600	7781.20000
MediaBag T half Fraser broth, no filter	20000 ml/bag	15	7784.20000
MediaBag T maximum recovery diluent	20000 ml/bag	15	7702.20000
MediaBag T maximum recovery diluent	5000 ml/bag	20	7702.05000
MediaBag T maximum recovery diluent	10000 ml/bag	20	7702.10000
MediaBag T maximum recovery diluent	3000 ml/bag	25	7702.03000
MediaBag T TSB (tryptic soy broth)	5000 ml/bag	15	7712.05000



Before addition of water to the bag containing the granulated culture media.



After addition of water to the bag containing the granulated culture media.

Culture media, ready to use, in plates

For various microbiological applications.

- Packed under cleanroom conditions to avoid contamination
- Manufactured with formulations that follow specifications of the various Pharmacopoeias and ISO regulations
- Special packaging for 55 mm plates

The 55 mm plate's special packaging has several advantages: Good plate protection during transport and storage, can be reused to transport the plates after use, and is recyclable (PET). The plates can be stored from 2 to 14 °C.

*Chromocult® is a registered trademark of Merck KGaA, Darmstadt, Germany. This ready to use medium is made using only Chromocult® dehydrated media produced by Merck KGaA and Agar.

Cellophane bag packaging containing 3×10 or 3×3×10 (55 mm plates) or 4×5 or 6×4×5 (90 mm plates).



Description	Filling	Standards	Pk	Cat. No.
Plates 55 mm				
*Chromocult® coliform agar	12 ml	ISO 7704	90	171274ZAMP
*Chromocult® coliform agar with cefsulodin and vancomycin	12 ml	ISO 7704	30	171274ZA
*Chromocult® Enterococci	12 ml	-	30	175584ZA
Bile aesculin azide agar	12 ml	ISO 7899-2 and clinical samples	30	170082UA
Chromogenic selective agar E. coli with cefsulodin and vancomycin	12 ml	ISO 7704	30	173580ZA
Chromogenic selective agar E. coli with cefsulodin and vancomycin	12 ml	ISO 7704	90	173580ZAMP
Coliform chromogen agar (CCA)	12 ml	ISO 9308-1, ISO 7704	30	175452ZA
DEV agar	12 ml	Acc. to the German Standard Methods	30	173554ZA
DEV agar	12 ml	Acc. to the German Standard Methods	90	173554ZAMP
Endo-LES agar	12 ml	APHA	30	173241ZA
MacConkey agar	12 ml	ISO 21150	30	170641ZA
Malt extract agar, acidified	12 ml	ISO 16000-17	30	170542YA
Mannitol agar	12 ml	Harm Ph, ISO 22718	30	170560ZA
Mannitol agar	12 ml	Harm Ph, ISO 22718	90	170560ZAMP
M-CP agar	12 ml	European Directive 12767/97	30	171400ZA
M-CP agar	12 ml	European Directive 12767/97	90	171400ZAMP
M-FC agar	12 ml	APHA-AWWA-WEF	30	171380ZA
M-Green agar	12 ml	ISO 10718	30	171300ZA
M-Green agar	12 ml	ISO 10718	90	171300ZAMP
Nutrient agar	12 ml	ISO 8914-1, ISO 8914-1	90	170692ZAMP
Nutrient agar	12 ml	ISO 8914-1	30	170692ZA
Orange serum agar	12 ml	IFU Methods	30	170731ZA
PCA plate count agar	10 ml	ISO 4833, ISO 8552, ISO 17410 s and IFU No. 6	30	170774ZA
Pseudomonas agar (cetrimide)	12 ml	ISO 16266	30	170793NA
Pseudomonas agar (cetrimide)	12 ml	EP, USP, ISO 22717	30	170793ZA
Pseudomonas agar (cetrimide)	12 ml	EP, USP	90	170793ZAMP
R2A agar	10 ml	EP	30	170802ZI
Sabouraud 4% chloramphenicol agar	10 ml	Harm Ph	30	170884CF
Sabouraud 4% dextrose agar	12 ml	Harm Ph	30	170884ZA
Slanetz and Bartley agar	10 ml	ISO 7899-2	30	170980ZA
Slanetz and Bartley agar w/o TTC	12 ml	ISO 7899-2	90	175160ZAMP
Slanetz and Bartley agar w/o TTC	12 ml	ISO 7899-2	30	175160ZA
SPS agar	12 ml	FDA	90	171320ZAMP
SPS agar	12 ml	FDA	30	171320ZA
Tergitol-7 agar	12 ml	ISO 9308-1	30	171023ZA
TGE agar	12 ml	ISO 5667-2, ISO 5667-3, ISO 6887	30	175350ZA
Tryptone yeast agar	12 ml	ISO 6222:1999.	30	171250ZA
TSA tryptic soy agar	12 ml	Harm Ph, ISO 9308	30	171114ZA
TSC agar	12 ml	ISO 5667-2, ISO 5667-3, ISO 6887	30	171141AA
Wort agar	12 ml	-	30	172321ZA
Plates 90 mm				
*Chromocult® coliform agar	20 ml	ISO 7704, ISO 9308-1	20	101274ZA
*Chromocult® coliform agar	20 ml	ISO 7704, ISO 9308-1	120	101274ZAMP
Baird-Parker agar	19 ml	-	20	AX051103
Baird-Parker agar	20 ml	ISO 6888-1, ISO 5944, ISO 22718, USP	20	100063UA
Baird-Parker agar	20 ml	ISO 6888-1, ISO 5944, ISO 22718, USP	120	100063UAMP
Baird-Parker RPF agar	20 ml	ISO 6888-2, ISO 5944, ISO 22718, USP	20	102950IM
Baird-Parker RPF agar	20 ml	ISO 6888-2, ISO 5944, ISO 22718, USP	120	102950IMMP
BAT agar	20 ml	IFU Standards	20	100470ZA

Description	Filling	Standards	Pk	Cat. No.
Plates 55 mm				
Bile aesculin azide agar	20 ml	ISO 7899-2	20	100082XA
Bile aesculin azide agar	20 ml	ISO 7899-2	120	100082XAMP
BPLS agar acc. to Kristensen (brilliant green, phenol red, lactose, sucrose)	20 ml	EP, FDA, Acc. potable water, Spanish legislation	20	100121ZA
BPLS agar acc. to Kristensen (brilliant green, phenol red, lactose, sucrose)	20 ml	EP, FDA, Acc. potable water, Spanish legislation	120	100121ZAMP
Brain heart infusion	20 ml	FDA	20	100101ZA
Brucella agar with hemine and vitamin K	20 ml	-	20	100158JF
Campylobacter blood-free CCDA agar	20 ml	ISO 10272	20	100191ZF
Campylobacter blood-free CCDA agar	20 ml	ISO 10272	120	100191ZFMP
Chapman agar	21 ml	ISO 9001	20	AX051124
Chocolate agar with supplement (VITOX)	20 ml	-	20	101591ZF
Chocolate agar with supplement (VITOX)	20 ml	-	120	101591ZFMP
Chromogenic coliform agar (CCA)	20 ml	ISO 9308-1	20	105452ZA
CLED agar	20 ml	-	20	100222ZA
CLED agar	20 ml	-	120	100222ZAMP
Colorex Clostridium difficile	20 ml	-	20	105406ZF
Colorex Salmonella plus, chromogenic media	20 ml	ISO 6579	20	102918ZA
Colorex Salmonella plus, chromogenic media	20 ml	ISO 6579	120	102918ZAMP
Columbia sheep blood + ANC	20 ml	Harm Ph	20	100253NF
Columbia sheep blood + ANC	20 ml	Harm Ph	120	100253NFMP
Columbia sheep blood agar	20 ml	Harm Ph	20	100253ZF
Columbia sheep blood agar	20 ml	Harm Ph	120	100253ZFMP
Dermatophytes agar	20 ml	-	20	101345ZA
Dermatophytes agar	20 ml	-	120	101345ZAMP
DEV nutrient agar	20 ml	German Drinking Water Methods	20	103554ZA
DEV nutrient agar	20 ml	German Drinking Water Methods	120	103554ZAMP
DG 18 metal agar	20 ml	-	20	102310XF
DG 18 metal agar	20 ml	-	120	102310XFMP
Dichlor. rose bengal chloramphenicol agar	20 ml	-	20	103660XF
Dichlor. rose bengal chloramphenicol agar	20 ml	-	120	103660XFMP
DNase agar methyl green	20 ml	-	20	105025ZA
EMB agar	20 ml	ISO 21150, USP	20	100331ZA
EMB agar	20 ml	ISO 21150, USP	120	100331ZAMP
Enterobacter sakazakii agar	20 ml	ISO 22964, FIL/IDF	20	103400ZF
Enterobacter sakazakii agar	20 ml	ISO 22964, FIL/IDF	120	103400ZFMP
Esculine blood agar, modified	20 ml	-	20	105690XF
Eugon Lt 100 agar	20 ml	ISO 21149	20	104862ZF
Fraser enrichment broth w/o iron	10 ml	-	20	600343GF
Gardnerella selective agar	20 ml	-	20	102983XF
Gauze agar	20 ml	-	20	104852AF
Gauze agar	20 ml	-	120	104852AFMP
GBS agar (Granada)	20 ml	-	20	102470ZF
GBS agar (Granada)	20 ml	-	120	102470ZFMP
GMB agar (glucose Mueller blue)	20 ml	-	20	100613DA
Hektoen enteric agar	20 ml	ISO 21567	20	100371ZA
Hektoen enteric agar	20 ml	ISO 21567	120	100371ZAMP
Lactose TTC agar Tergitol-7	20 ml	ISO 9308-1	20	101023ZA
Lactose TTC agar Tergitol-7	20 ml	ISO 9308-1	120	101023ZAMP
LB agar (Miller)	20 ml	-	20	102502ZA
Lecithin polysorbate Triton™ X agar	20 ml	-	20	101114SA
Legionella BCYE	20 ml	ISO 11731	20	100460ZF
Legionella BCYE without cysteine	20 ml	ISO 11731	20	100460XF
Legionella GVPC	20 ml	ISO 11731	20	100460GF
Legionella GVPC agar	20 ml	ISO 11731	120	120460GF
Legionella w/o cysteine	20 ml	ISO 11731	120	100460XFMP
Lethen modified agar	20 ml	FDA	20	102754OA
Listeria selective agar acc. Ottaviani and Agosti	20 ml	ISO 11290-1, ISO 11290-2	20	102898KA
Listeria selective agar ALOA	20 ml	ISO 11290-1, ISO 11290-2	120	102898KAMP
MacConkey agar	20 ml	Harm Ph	20	100641ZA
MacConkey agar	20 ml	Harm Ph	120	100641ZAMP
Malt extract + chloramphenicol agar	20 ml	ISO 16000-17, FDA	20	100542CA
Malt extract agar	20 ml	ISO 16000-17	20	100544ZA
Malt extract agar	20 ml	ISO 16000-17	120	100544ZAMP
Malt extract metal agar	20 ml	ISO 16000-17	20	100544XA
Malt extract metal agar	20 ml	ISO 16000-17	120	100544XAMP
Mannitol salt agar	20 ml	Harm Ph	20	100560ZA
Mannitol salt agar	20 ml	Harm Ph	120	100560ZAMP
MRS + sorbic acid agar	20 ml	ISO 15214, FIL/IDF, IFU Methods	20	100582XA
MRS + sorbic acid agar	20 ml	ISO 15214, FIL/IDF, IFU Methods	120	100582XAMP
MRS agar	20 ml	ISO 9332, ISO 15214, IFU Methods 5, 7 and 9	20	100582ZA
MRS agar	20 ml	ISO 9332 and 15214 and IFU Methods 5, 7 and 9	120	100582ZAMP
MRS cycloheximide agar	20 ml	-	20	100581AA
MRS cysteine agar	20 ml	ISO 9232, ISO 15214, FIL/IDF, IFU Methods	20	100582JA

Description	Filling	Standards	Pk	Cat. No.
Plates 55 mm				
MRS cysteine agar	20 ml	ISO 9232, ISO 15214, FIL/IDF, IFU Methods	120	100582JAMP
MRS cysteine agar 2	20 ml	ISO 9232, ISO 15214, FIL/IDF, IFU Methods	20	100581JA
MRS cysteine agar 3	20 ml	ISO 9232, ISO 15214, FIL/IDF, IFU Methods	120	100581JAMP
Mueller Hinton, mod.	20 ml	-	120	100613DAMP
Mueller Hinton 2% NaCl agar	20 ml	-	20	100611ZA
Mueller Hinton 2% NaCl agar	20 ml	-	120	100611ZAMP
Mueller Hinton blood agar	20 ml	-	20	100613IF
Mueller Hinton blood agar	20 ml	-	120	100613IFMP
MYP agar with polymyxin B, egg yolk	20 ml	ISO 7932, ISO 21871, FIL/IDF	20	100053UA
MYP agar with polymyxin B, egg yolk	20 ml	ISO 7932, ISO 21871, FIL/IDF	120	100053UAMP
Nickerson Biggy agar	22 ml	-	20	102770ZA
Nickerson Biggy agar	22 ml	-	120	102770ZAMP
Nutrient agar	20 ml	ISO 8914-1, ISO 16266	120	100692PAMP
Nutrient agar with bromthymol blue and TTC	20 ml	APHA	20	100692PA
OGYE agar	20 ml	ISO 13681	20	100720ZA
OGYE agar	20 ml	ISO 13681	120	100720ZAMP
Orange serum agar	20 ml	ISO 8914-1, ISO 8914-1	20	100731ZA
Orange serum agar	20 ml	ISO 8914-1, ISO 8914-1	120	100731ZAMP
Palcam agar	20 ml	EN ISO 11290-1, 11290-2	20	100742ZA
Palcam agar	20 ml	EN ISO 11290-1, 11290-3	120	100742ZAMP
PCA plate count agar	20 ml	ISO 4833, 8552 and 17410, IFU No. 6	20	100774ZA
PCA plate count agar	30 ml	ISO 4833, 8552 and 17410, IFU No. 6	20	100772ZA
Potato dextrose	20 ml	-	20	100782XA
Potato dextrose agar	20 ml	Harm Ph	20	100782ZA
Potato dextrose agar	20 ml	Harm Ph	120	100782ZAMP
Pseudomonas agar (cetrimide)	20 ml	Harm Ph	20	100793ZA
Pseudomonas agar (cetrimide)	20 ml	Harm Ph	120	100793ZAMP
Pseudomonas CFC agar	20 ml	ISO 13720	20	101611ZA
Pseudomonas CFC agar	20 ml	ISO 13721	120	101611ZAMP
Rambach® agar	20 ml	-	20	101294ZA
Rambach® agar	20 ml	-	120	101294ZAMP
Rogosa agar	20 ml	ISO 9232, ISO 15214	20	100852ZA
Rose bengal agar	20 ml	ISO 9232, ISO 15214	20	100070ZA
RPMI agar (MOPS glucose)	20 ml	CLSI	20	101938ZF
S.P.S. agar	20 ml	FDA, BAM	20	101320ZA
Sabourand 4% maltose agar	20 ml	USP, Eu Ph	20	104744ZA
Sabourand 4% maltose agar	20 ml	USP, Eu Ph	120	104744ZAMP
Sabouraud 2% dextrose agar	20 ml	-	20	100882ZA
Sabouraud 2% dextrose chloramphenicol cycloheximide agar	20 ml	Harm Ph	20	100884DA
Sabouraud 2% dextrose chloramphenicol cycloheximide agar	20 ml	Harm Ph	120	100884DAMP
Sabouraud 4% dextrose agar	20 ml	EP, USP	20	100884ZA
Sabouraud 4% dextrose chloramphenicol agar	20 ml	Harm Ph	20	100884CF
Sabouraud 4% dextrose chloramphenicol agar	20 ml	Harm Ph	120	100884CFMP
Sabouraud 4% glucose agar	20 ml	EP, USP	120	100884ZAMP
Sabouraud chloramphenicol gentamicin agar	20 ml	-	20	100882EA
Salmonella-Shigella (SS) agar	20 ml	-	20	100911ZA
Salmonella-Shigella (SS) agar	20 ml	-	120	100911ZAMP
Sheep blood polymyxin agar	20 ml	-	20	100250DF
Sheep blood polymyxin agar	20 ml	-	120	100250DFMP
Skirrow campylobacter agar	20 ml	-	120	102993AFMP
Skirrow selective medium	20 ml	-	20	102993AF
Slanetz and Bartley enterococci agar	20 ml	ISO 7899-2	20	100980ZA
Slanetz and Bartley enterococci agar	20 ml	ISO 7899-2	120	100980ZAMP
Standard I nutrient agar	20 ml	ISO 16266, ISO 12780	20	100692ZA
Standard I nutrient agar	20 ml	ISO 16266, ISO 12780	120	100692ZAMP
TBX agar	20 ml	ISO16649-1	20	101004ZA
TBX agar	20 ml	ISO16649-1	120	101004ZAMP
TCBS cholera agar	20 ml	ISO 8914, ISO 21872-2, AOAC, BAM	20	101011ZA
TCBS cholera agar	20 ml	ISO 8914, ISO 21872-2, AOAC, BAM	120	101011ZAMP
Thayer Martin agar	20 ml	-	20	100353OF
Thayer Martin agar	20 ml	-	120	100353OFMP
TSA tryptic soy agar	20 ml	Harm Ph	20	101114ZA
TSA tryptic soy agar	20 ml	Harm Ph	120	101114ZAMP
TSA tryptic soy agar with 5% sheep blood	20 ml	Harm Ph	120	101114IFMP
TSA tryptic soy agar with 5% sheep blood	20 ml	Harm Ph	20	101114IF
TSA with cycloheximide	20 ml	-	20	101114AF
TSA with cycloheximide	20 ml	-	120	101114AFMP
TSA with NaCl	20 ml	-	20	101112DA
TSC agar	20 ml	ISO 7937, ISO 6461-2, ISO 14189	20	101141AA
TSC agar	20 ml	ISO 7937, ISO 6461-2, ISO 14189	120	101141AAMP
TSN agar	20 ml	-	20	101370ZA
TSN agar	20 ml	-	120	101370ZAMP

Description	Filling	Standards	Pk	Cat. No.
Plates 55 mm				
Violet red bile (VRB) agar	20 ml	EP, ISO 5541-1, ISO 4832, FIL/IDF	20	101183ZA
Violet red bile (VRB) agar	20 ml	EP, ISO 5541-1, ISO 4832, FIL/IDF	120	101183ZAMP
Violet red bile dextrose (VRBD) agar	20 ml	Harm Ph	20	101203ZA
WL nutrient agar	20 ml	-	20	101212ZA
WL nutrient agar	20 ml	-	30	171212ZA
Wort agar	20 ml	-	20	112321TA
Wort agar pH 4,3	20 ml	-	20	102322ZA
XLD agar	20 ml	Harm Ph	20	101241ZF
XLD agar	20 ml	ISO 6579	20	103542ZF
XLD agar	20 ml	Harm Ph	120	101241ZFMP
XLD novobiocin agar	20 ml	Harm Ph	20	101241AF
XLT4 agar	20 ml	-	20	101874ZA
XLT4 agar	20 ml	-	120	101874ZAMP
YGC agar	20 ml	ISO 7954 and FIL-IDF 94B	20	112230CA

Ready to use media plates (90 mm), irradiated



Available as 90 mm plates acc. to standards. TLHTh (Tween®, lecithin, histidine, thiosulphate) are used as disinfectant neutralisers. Bags are available double- or triple-wrapped. One pack per bag displays the irradiation indicator.

- Triple wrapping ensures that the package itself doesn't contaminate the environment as the first wrapper is removed just before entering a clean area
- Available with certificate of irradiation/dosimetry
- VHP resistance studies available for all triple-wrapped plates

Storage: 15 to 25 °C for the plates Cat. Nos. 280882TI, 280882ZI, 281112TI and 281112ZI; 2 to 14 °C for all the other plates.

The plates are packed 10 each in a plastic shrink-wrapped bag. Box contains 2 bags with a total of 20 or 6x20 plates.



Description	Filling	Standards	Pk	Cat. No.
Lethen modified agar double-wrapped	22 ml	FDA, USP	20	112750ZI
Lethen modified agar double-wrapped, multi-pack	22 ml	FDA, USP	120	112750ZIMP
PCA double-wrapped	22 ml	ISO 4833, 8552 and 17410 and IFU No. 6	20	110774ZI
PCA double-wrapped, multi-pack	22 ml	EPA, ISO 4833	120	110774ZIMP
R2A double-wrapped	22 ml	EPA	20	110802ZI
R2A double-wrapped, multi-pack	22 ml	-	120	110802ZIMP
R2A triple-wrapped	22 ml	EPA	20	130802ZI
R2A triple-wrapped, multi-pack	22 ml	-	120	130802ZIMP
Rose bengal chloramphenicol penase double-wrapped	20 ml	-	20	110070PY
Rose bengal chloramphenicol penase double-wrapped, multi-pack	20 ml	-	120	110070PYMP
Sabouraud 4% chloramphenicol agar double-wrapped	22 ml	HP, BAM, COMPF, ISO, EP, USP	20	110884CY
Sabouraud 4% chloramphenicol agar double-wrapped, multi-pack	22 ml	HP, BAM, COMPF, ISO, EP, USP	120	110884CYMP
Sabouraud 4% dextrose agar (SDA) TLHTh triple-wrapped, settle plate	22 ml	HP, BAM, COMPF, ISO, EP, USP	60	280882TI
Sabouraud 4% dextrose agar (SDA) triple-wrapped, settle plate	22 ml	HP, BAM, COMPF, ISO, EP, USP	60	280882ZI
Sabouraud 4% dextrose agar (SDA) with disinfectant neutraliser double-wrapped	22 ml	HP, BAM, COMPF, ISO, EP, USP	20	110884TI
Sabouraud 4% dextrose agar (SDA) with disinfectant neutraliser triple-wrapped, multi-pack	22 ml	HP, BAM, COMPF, ISO, EP, USP	120	110884TIMP
Sabouraud 4% dextrose agar double-wrapped	22 ml	Harm Ph	20	110884ZI
Sabouraud 4% dextrose agar double-wrapped, multi-pack	22 ml	Harm Ph	120	110884ZIMP
Sabouraud 4% dextrose agar triple-wrapped	22 ml	Harm Ph	20	130884ZI
Sabouraud 4% dextrose agar with chloramphenicol triple-wrapped	22 ml	Harm Ph	20	130884CY
TSA double-wrapped	22 ml	Harm Ph	20	111114ZI
TSA penase triple-wrapped	22 ml	Harm Ph	20	131114PY
TSA penase triple-wrapped, multi-pack	22 ml	Harm Ph	120	131114PYMP
TSA penase with neutralisers TLHTh double-wrapped	22 ml	Harm Ph	20	111114RY
TSA penase with neutralisers TLHTh double-wrapped, multi-pack	22 ml	Harm Ph	120	111114RYMP
TSA penase with neutralisers TLHTh triple-wrapped	22 ml	Harm Ph	20	131114RY
TSA penase with neutralisers TLHTh triple-wrapped, multi-pack	22 ml	Harm Ph	120	131114RYMP
TSA TLHTh + pyruvate triple-wrapped	22 ml	Harm Ph	20	131114XI
TSA TLHTh double-wrapped	22 ml	Harm Ph	20	111114TI
TSA TLHTh double-wrapped, multi-pack	22 ml	Harm Ph	120	111114TIMP
TSA TLHTh triple-wrapped	22 ml	Harm Ph	20	131114TI
TSA TLHTh triple-wrapped, multi-pack	22 ml	Harm Ph	120	131114TIMP
TSA TLHTh triple-wrapped, settle plate	22 ml	Harm Ph	60	281112TI
TSA TLHTh triple-wrapped, settle plate	30 ml	Harm Ph	60	281112TI30
TSA triple-wrapped	22 ml	Harm Ph	20	131114ZI

Ready to use culture media

Description	Filling	Standards	Pk	Cat. No.
TSA triple-wrapped, settle plate	22 ml	Harm Ph	60	281112ZI
TSA tryptic soy agar, double-wrapped, multi-pack	22 ml	Harm Ph	120	111114ZIMP
TSA tryptic soy agar, triple-wrapped, multi-pack	22 ml	Harm Ph	120	131114ZIMP
Wort agar double-wrapped, multi-pack	22 ml	Harm Ph	120	112321TAMP
YGC agar double-wrapped, multi-pack	22 ml	Harm Ph	120	112230CAMP

Description	Pk	Cat. No.
Accessories		
Data logger - temperature service	1	49927000

Culture media, ready to use, in tubes

For various microbiological uses.

- Storage at room temperature for selected media
- Compact packaging, tubes are fitted with aluminium screw caps
- Media, batch number and expiry date printed on every single tube

Supplied in boxes of 20, 50 or 120 tubes.



Description	Volume (ml)	Standards	Pk	Cat. No.
Azide broth (Rothe)	10	-	20	690042ZA
Azide broth (Rothe)	10	-	120	690042ZAMP
BAT agar	20	-	20	734702IA
BAT broth	9	-	50	825262ZA
Brain heart infusion (BCC)	10	ISO 6881-1	50	AX011103
Brain heart infusion broth	10	FDA, DIN, ISO 5944	20	600113ZA
BRILA, durham	10	ISO 4832	50	AX011108
Brilliant green 2% bile broth	5	ISO 4831, APHA, AWWA	20	650144ZA
Brilliant green 2% bile broth	10	APHA, AWWA, ISO 4831	20	730144WA
Brilliant green 2% bile broth	10	APHA, AWWA, ISO 4831	120	730144WAMP
Brilliant green bile broth	9	APHA, AWWA	20	690144ZA
Brilliant green bile broth	9	APHA, AWWA	120	690144ZAMP
Brucella+Vitk+Hem broth	9	-	20	622370XA
Buffered peptone water	9	ISO 6579, ISO 8523, ISO 6785, ISO 6887, ISO 8261, ISO 21528, ISO 22964	20	610173ZA
Buffered peptone water	9	ISO 6579, ISO 8523, ISO 6785, ISO 6887, ISO 8261, ISO 21528, ISO 22964	50	AX011112
Buffered peptone water 0,1%	10	ISO 21149:2017, ISO 18415:2017, Harm Ph	20	601314ZA
Buffered peptone water 0,1%	10	ISO 21149:2017, ISO 18415:2017, Harm Ph	120	601314ZAMP
Buffered peptone water 0,1%	9	ISO 21149:2017, ISO 18415:2017, Harm Ph	20	611314ZA
Cetrimide agar	18	-	50	AX011199
DEV nutrient agar	15	-	20	733552ZA
Differential reinforced clostridial media			20	615870ZA
Diluted Sabouraud	15	-	20	745470ZF
E.C.broth, Durham tube 16x112 mm	9	ISO 7251	20	601450ZA
EE Mossel broth	9	Harm Ph	20	600304ZA
EE Mossel broth	9	Harm Ph	120	600304ZAMP
Eugon LT 100	9	ISO 18415, ISO 21149, ISO 21150	20	613420SA
Fluorocult® LMX broth modified	2	-	20	602524ZF
Fraser broth	10	ISO 11290-1	20	600343ZF
Fraser broth	10	ISO 11290-1	120	600343ZFMP
Giolitti Cantoni broth, double conc.	10	ISO 6888-3, ISO 5994, FIL-IDF	20	790360WF
Giolitti Cantoni broth, double conc.	10	ISO 6888-3, ISO 5994, FIL-IDF	120	790360WFMP
Giolitti Cantoni broth, simple conc.	9	ISO 6888-3, ISO 5994, FIL-IDF	20	610360ZF
Giolitti Cantoni broth, simple conc.	9	ISO 6888-3, ISO 5994, FIL-IDF	120	610360ZFMP
Giolitti Cantoni broth, simple conc.	19	ISO 6888-3, ISO 5994, FIL-IDF	20	710360ZF
Giolitti Cantoni broth, simple conc.	19	ISO 6888-3, ISO 5994, FIL-IDF	120	710360ZFMP
Glucose agar	7	ISO 8523, ISO 4702	20	603572ZA
Indole ornithine motility medium	9	FDA	20	651820ZA
Indole ornithine motility medium	9	FDA	120	651820ZAMP
Kanamycin aesculin broth	9	-	20	611830ZA
Kligler agar, slope	7,5	ISO 6340	20	640431ZA
Kligler agar, slope	7,5	ISO 6340	120	640431ZAMP

Description	Volume (ml)	Standards	Pk	Cat. No.
Lactose broth	9	Harm Ph, EPA	20	690440ZA
Lactose sulphite broth	10	-	50	AX011180
Lauryl sulphate broth	9	FIL	20	690450ZA
Lauryl sulphate broth	9	FIL	120	690450ZAMP
Lauryl sulphate broth	10	ISO 5541-2, ISO 4841	120	890450WAMP
Lauryl sulphate broth, double conc.	10	ISO 5541-2, ISO 4841	20	890450WA
Lauryl sulphate broth, Durham tubes 16x112 mm	5	ISO 4831	20	650450ZA
Lauryl sulphate broth MUG, Durham	9	FDA, FIL/IDF	20	690450XA
Lauryl sulphate broth MUG, Durham	9	FDA, FIL/IDF	120	690450XAMP
LB Miller broth	9	-	20	632512ZA
Letheen broth	10	FDA	20	601580ZA
Letheen broth	9	FDA	20	611585ZA
Letheen broth	9	FDA	120	611585ZAMP
Liver meat agar	20	-	50	AX011146
Löwenstein-Jensen medium	6,4	-	20	640504ZA
Löwenstein-Jensen medium	6,4	-	120	640504ZAMP
Löwenstein-Jensen pyruvate medium	6,5	-	16	640504XA
Lysine iron agar, slope	7,5	AOAC	20	640511ZA
Lysine iron agar, slope	7,5	AOAC	120	640511ZAMP
MacConkey agar	18	-	50	AX011197
MacConkey broth	9	Harm Ph	20	690674ZA
MacConkey broth	9	Harm Ph	120	690674ZAMP
MacConkey broth	10	-	50	AX019103
Mannitol motility	9	-	20	601850ZA
Maximum recovery diluent	9	ISO 6887-1	20	613120ZA
M broth	9	FDA	20	613270ZA
MKTTn broth acc. to ISO 6579	10	FDA	50	AX011184
MRS agar	20	ISO 9332, ISO 15214, IFU Methods 5,7,9	120	720582ZAMP
MRS agar	20	ISO 9332, ISO 15214, IFU Methods 5,7,9	20	720582ZA
MRS broth	10	ISO 9332, ISO 15214, IFU Methods 5, 7, 9	20	600592ZA
MRS broth, Durham tube	9	ISO 9332, ISO 15214, IFU Methods 5, 7, 9	20	690592ZA
MRS broth with Durham tube	10	ISO 10109	50	AX011159
M TGE agar	2	FDA	50	825290ZA
Mueller-Kauffmann tetrathionate broth (supplement with iodine iodide solution, Cat. No. 84723.0001, before use)	10	ISO 6579	20	601030ZA
Müller Hinton broth + supplement	10	CLSI	120	600621ZAMP
Müller Hinton broth + supplement	10	CLSI	20	600621ZA
O/F glucose medium	10	ISO 21528-2	20	651810ZA
O/F glucose medium	10	ISO 21528-2	20	651812ZA
Orange serum agar	20	ISO 8914-1, ISO 8914-1	120	730731ZAMP
Orange serum agar	20	ISO 8914-1, ISO 8914-1	20	730731ZA
Orange serum agar acid	9	IFU Methods	120	730733IAMP
Orange serum agar acid	9	IFU Methods	20	730733IA
Palcam broth	10	ISO 11290	20	601410ZF
PBPS + 4% Tween® + 0,5% lecithin			20	601314TH
PCA	20	ISO 4833	20	720774ZA
PCA	15	ISO 4833	120	730774ZAMP
PCA	15	ISO 4833	20	730774ZA
Peptone water	9	ISO 7251	20	610753ZA
Peptone water 0,1%	9	-	50	AX011186
Pharmacopoeia diluent (NaCl peptone broth pH 7)	9	EP	50	AX011144
Pharmacopoeia diluent with neutralising agent (DNP)	9	-	50	AX011158
R2 broth	2,5	-	50	825502ZA
Rappaport Vassiliadis broth	10	ISO 6579	120	600834ZAMP
Rappaport Vassiliadis broth	10	ISO 6579	20	600834ZA
Rappaport Vassiliadis broth	10	ISO 6579	50	AX011124
Ringer solution	10	-	20	601770ZA
Ringer solution	9	-	20	611770ZA
Ringer solution	9	-	50	AX011139
RVS broth	10	EP, USP, JP, Harm Ph	120	603552ZAMP
RVS broth	10	EP, USP, JP, Harm Ph	20	603552ZA
Saboraud chloramphenicol agar	20	Harm Ph, BAM, COMPF, ISO	120	730884CAMP
Saboraud chloramphenicol agar	15	HP, BAM, COMPF, ISO, EP, USP	20	730884CA
Sabouraud 4% dextrose agar	18	HP, BAM, COMPF, ISO, EP, USP	50	AX011198
Sabouraud 4% glucose chloramphenicol agar	15	HP, BAM, COMPF, ISO, EP, USP	50	AX011120
Sabouraud broth	9	HP, BAM, COMPF, ISO, EP, USP	20	600894ZA
Sabouraud chloramphenicol agar	7	HP, BAM, COMPF, ISO, EP, USP	20	640884CA
Sabouraud glucose agar	20	Harm Ph	20	720882ZA
Sabouraud with cycloheximide and chloramphenicol	6,2	-	120	640884DAMP
Sabouraud with cycloheximide and chloramphenicol	6,2	-	20	640884DA
Saline + 0,1% peptone broth	9	ISO 6887-1	120	613155ZAMP
Saline + 0,1% peptone broth	9	ISO 6887-1	20	613155ZA
Saline + polysorbate	9	-	20	602600OA

Description	Volume (ml)	Standards	Pk	Cat. No.
Saline solution 0,9%	10	-	20	601780ZA
Selenite broth	10	ISO 6785, ISO 19250	20	600944ZA
Selenite cystine broth	10	ISO 6579	120	600954ZAMP
Selenite cystine broth	10	ISO 6579	20	600954ZA
Simmons citrate agar	6	ISO 10273, ISO 22964	120	640971ZAMP
Simmons citrate agar	6	ISO 10273, ISO 22964	20	640971ZA
SPS agar (perfringens selective agar)	10	ISO 10273, ISO 22964, FDA	20	601320ZA
SPS agar DC	10	FDA	120	761320WAMP
SPS agar DC	10	FDA	20	761320WA
SPS agar with paraffin (perfringens selective agar)	10	FDA	120	601320XAMP
SPS agar with paraffin (perfringens selective agar)	10	FDA	20	601320XA
β-Glucuronidase	2	ISO 21149, ISO 18415	20	632100ZF
β-Glucuronidase broth	2	ISO 21149, ISO 18415	120	632100ZFMP
TAT broth + Tween® 20	9	-	50	AX011155
TBG broth	10	-	50	AX011137
TB letheen	5	-	50	AX011192
Thioglycolate resazurin broth	10	-	50	AX011134
Thioglycolate medium	9	Harm Ph, AOAC, BAM	20	621051ZA
Todd Hewitt broth	10	Harm Ph, BAM	20	601060ZA
Todd Hewitt with antibiotic	10	-	120	601060AAMP
Todd Hewitt with antibiotic	10	-	20	601060AA
Tryptone salt broth (maximum recovery diluent)	9	ISO 6887	50	AX011130
Tryptone water	9	ISO 7251	20	601083ZA
Tryptone yeast extract agar	15	ISO 6222	120	731250ZAMP
Tryptone yeast extract agar	15	ISO 6222	20	731250ZA
TSA tryptic soy agar	20	Harm Ph, ISO 9308-1	20	721112ZA
TSA tryptic soy agar	15	Harm Ph, ISO 9308-1	20	731114ZA
TSA tryptic soy agar	15	Harm Ph, ISO 9308-1	50	AX011101
TSA tryptic soy agar	18	Harm Ph, ISO 9308-1	50	AX011200
TSA tryptic soy agar, slope	6,5	Harm Ph, ISO 9308-1	20	641114ZA
TSA tryptic soy agar slants	9	Harm Ph, ISO 9308-4	50	AX011114
TSB tryptic soy broth	10	Harm Ph, FDA	20	601121ZA
TSB tryptic soy broth	9	Harm Ph, FDA	20	611121ZA
TSB tryptic soy broth	15	Harm Ph, FDA	120	751121ZAMP
TSB tryptic soy broth	15	Harm Ph, FDA	20	751121ZA
TSB tryptic soy broth	10	Harm Ph, FDA	50	AX011113
TSB tryptic soy broth	9	Harm Ph, FDA	50	AX011176
TSB tryptic soy broth with neutralisers TLHTh	10	Harm Ph, FDA	120	721115TAMP
TSB tryptic soy broth with neutralisers TLHTh	10	Harm Ph, FDA	20	721115TA
TSB with 0,1% Tween®	9	Harm Ph, ISO 9308-1	20	6111220A
TSB with Tween® 80 1% 20x7ML	7	Harm Ph, ISO 9308-1	20	6011210A
TSC agar	20	ISO 737	50	AX011129
TSI agar	7,5	ISO 6579	20	641071ZA
TSI agar slants	10	ISO 6579	50	AX011122
TSN agar	9	ISO 3560	120	601370ZAMP
TSN agar	9	ISO 3560	20	601370ZA
TSN agar	20	ISO 3560	50	AX011141
Urea indole broth	2	-	120	661161XFMP
Urea indole broth	2	-	20	661161XF
Violet red bile agar (VRB)	15	FIL-IDF, ISO 5541-1, ISO 4832	20	731183ZA
Violet red bile glucose agar (VRBG)	15	Harm Ph	20	731203ZA
VP-RM broth	10	ISO 6579-1, ISO 6585, FIL-IDF, FDA	120	600531ZAMP
VP-RM broth	10	ISO 6579-1, ISO 6585, FIL-IDF, FDA	20	600531ZA
Yeast starch glucose agar (YSGA)	20	IFU Method No.12	120	723650YFMP
Yeast starch glucose agar (YSGA)	20	IFU Method No.12	20	723650YF
YSG broth	2,5	IFU Method No.12	120	663650YFMP
YSG broth	2,5	IFU Method No.12	20	663650YF



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- Sampling
- Sample protection and monitoring
- Sample transportation
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Culture media, ready to use, in bottles

Ready to use culture media for microbiological test requirements in the food industry, water, environmental control and in the pharmaceutical industry. The range is manufactured from high quality raw materials. All the culture media are manufactured using selected dehydrated bases, and comply with various standards. All media are produced using the latest technology and are subject to strict quality controls carried out by qualified microbiologists.

- Storage at room temperature for selected media
- Supplied in glass bottles with different screw caps (10, 2x10, 4x10)
- Certificate of Analysis guarantees product conformity

*Chromocult® is a registered trademark of Merck KGaA, Darmstadt, Germany. This ready to use medium is made using only Chromocult® dehydrated media produced by Merck KGaA and Agar.



Description	Filling	Standards	Size	Cap	Pk	Cat. No.
*Chromocult® coliform agar	100 ml	ISO 7704	125 ml	Non injectable	10	301274ZA
*Chromocult® coliform agar	100 ml	ISO 7704	125 ml	Non injectable	40	301274ZAMP
*Chromocult® coliform agar	200 ml	ISO 7704	250 ml	Aluminium screw outer cap + elastomer inner septum + shrink wrapped plastic sleeve	10	401274ZH
2Xyt agar	400 ml	-	500 ml	-	9	AX021399
2Xyt broth	400 ml	-	500 ml	-	9	AX021398
Antibiotic agar 10	200 ml	EP, USP	250 ml	Non injectable	10	454810ZA
Antibiotic agar 10	500 ml	EP, USP	750 ml	-	10	564812ZA
Antibiotic agar 10	500 ml	EP, USP	750 ml	Non injectable	20	564812ZAMP
Antibiotic agar A	200 ml	EP, USP	250 ml	Non injectable	10	455462ZA
Antibiotic agar control pH 6,0	100 ml	-	150 ml	Aluminium	10	AX021189
Antibiotic agar control pH 8,0	100 ml	-	150 ml	Aluminium	10	AX021197
Antibiotic agar E	200 ml	EP	250 ml	Non injectable	10	455782ZA
Antibiotic medium A	200 ml	EP	250 ml	Aluminium	6	AX021205
Antibiotic medium B	200 ml	EP	250 ml	Aluminium	6	AX021206
Antibiotic medium E	200 ml	EP	250 ml	Aluminium	6	AX022241
Baird-Parker agar base	90 ml	FIL-IDF, ISO 5944, ISO 6888-2, ISO 22718, USP	125 ml	Aluminium	10	312950ZA
Baird-Parker agar base	180 ml	FIL-IDF, ISO 5944, ISO 6888-2, ISO 22718, USP	250 ml	Aluminium	10	430063ZA
Beerens dilution	90 ml	-	125 ml	Aluminium screw outer cap + elastomer inner septum	10	312240ZT
Beerens dilution	100 ml	-	125 ml	Aluminium screw outer cap + elastomer inner septum	10	302240ZA
Beerens dilution	100 ml	-	125 ml	Aluminium screw outer cap + elastomer inner septum	40	302240ZAMP
Beerens dilution	90 ml	-	125 ml	Aluminium screw outer cap + elastomer inner septum	40	312240ZTMP
BHI broth mod.	100 ml	ISO 5944, FDA	125 ml	Aluminium screw outer cap + elastomer inner septum	10	303415ZA
BHI broth mod.	100 ml	ISO 5944, FDA	125 ml	Aluminium screw outer cap + elastomer inner septum	40	303415ZAMP
Bile esculin azide agar	200 ml	ISO 7899-2	250 ml	Aluminium	6	AX022293
Bioburden broth	100 ml	ISO 21149, EP, USP	125 ml	Non injectable	10	3047500A
Bolton broth (base)	200 ml	FDA, ISO 10272-1, ISO 10272-2	250 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	563390ZF
Bolton broth (base)	200 ml	-	250 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	30	563390ZFMP
Buffered peptone water	500 ml	ISO 6579, ISO 8523 and ISO 6785	500 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	530172AF
Buffered peptone water	90 ml	ISO 6579, ISO 8523 and ISO 6785	125 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	310173ZA
Buffered peptone water	100 ml	ISO 6579, ISO 8523, ISO 6785, ISO 22964, ISO 21528 and ISO 19250	125 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	300173ZA
Buffered peptone water			150 ml	Aluminium cap + septum	10	AX021162
Buffered peptone water	225 ml		250 ml	Aluminium cap + septum	6	AX022232
Buffered peptone water	225 ml	ISO 6579, ISO 8523, ISO 6785, ISO 22964, ISO 21528, ISO 19250	250 ml	Aluminium screw outer cap + elastomer inner septum	10	400173ZA
Buffered peptone water	200 ml	ISO 6579, ISO 8523, ISO 6785, ISO 22964, ISO 21528, ISO 19250	250 ml	Aluminium screw outer cap + elastomer inner septum	10	450173ZA
Buffered peptone water	225 ml	ISO 6579, ISO 8523, ISO 6785, ISO 22964, ISO 21528, ISO 19250	500 ml	Aluminium screw outer cap + elastomer inner septum	10	410173ZA
Buffered peptone water	300 ml	Harm Ph	500 ml	Non injectable	10	531312ZA
Buffered peptone water	900 ml		1000 ml	Aluminium	9	AX021291
Buffered peptone water	800 ml	ISO 22964, ISO 21528, ISO 19250, ISO 6579, ISO 8523, ISO 6785	1000 ml	Plastic screw inner cap + elastomer septum + protective outer cap	6	510173ZA
Buffered peptone water +5% Tween®	90 ml	Harm Ph, ISO 21149:2017, ISO 18415	100 ml	-	10	011312TA
Buffered peptone water 0,1%	50 ml	Harm Ph, ISO 21149:2017, ISO 18415	100 ml	-	8	881314ZA

Description	Filling	Standards	Size	Cap	Pk	Cat. No.
Buffered peptone water 0,1%	50 ml	Harm Ph, ISO 21149:2017, ISO 18415	100 ml	-	32	881314ZAMP
Buffered peptone water 0,1%	90 ml	Harm Ph	125 ml	Plastic screw inner cap + elastomer septum + protective outer, cap + shrink-wrapped plastic sleeve	10	311314TA
Buffered peptone water 0,1%	90 ml	Harm Ph	125 ml	Plastic screw inner cap + elastomer septum + protective outer, cap + shrink-wrapped plastic sleeve	10	311314ZA
Buffered peptone water 0,1%	100 ml	Harm Ph	125 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	301314ZA
Buffered peptone water 0,1%	100 ml	Harm Ph	125 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	40	301314ZAMP
Buffered peptone water 0,1%	300 ml	Harm Ph	500 ml	Aluminium screw outer cap + elastomer inner septum	10	531314ZA
Buffered peptone water 0,1%	450 ml	Harm Ph	500 ml	Aluminium screw outer cap + elastomer inner septum	10	561314ZA
Buffered peptone water 0,1%				-	6	511312ZA
Buffered peptone water 0,1% with lecithin	90 ml	Harm Ph	150 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	311312LA
Buffered peptone water 0,1% with lecithin	90 ml	Harm Ph	150 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	40	311312LAMP
Buffered peptone water 10% Tween®	100 ml	Harm Ph	125 ml	Aluminium screw outer cap + elastomer inner septum	10	303480TA
Buffered peptone water THLPH	250 ml	Harm Ph			10	471313TA
Buffered peptone water with supplements	80 ml	-	100 ml	-	6	AX021419
Buffer phosphate pH 7,2	125 ml	-	150 ml	Non injectable	10	305660ZF
Butterfield buffer	100 ml	-	125 ml	Aluminium screw outer cap + elastomer inner septum	10	303610ZA
Butterfield buffer	100 ml	-	125 ml	Aluminium screw outer cap + elastomer inner septum	40	303610ZAMP
Casamino acid broth	75 ml	-	100 ml	-	10	AX029174
Casein peptone lecithin Tween® 20 broth	90 ml	-	150 ml	Aluminium cap + septum	10	AX021178
Cetrimide agar	100 ml	Harm Ph	150 ml	Aluminium	10	AX021182
Cetrimide agar	200 ml	Harm Ph	250 ml	Aluminium	6	AX022222
Chapmann agar	200 ml	-	250 ml	-	6	AX021409
China-blue lactose agar	200 ml	-	250 ml	Non injectable	10	405042ZA
Count agar	200 ml	-	250 ml	Aluminium	6	AX021301
Czapek Dox metal agar	450 ml	APHA	500 ml	-	10	530274XA
DEV lactose peptone broth	50 ml	-	125 ml	Aluminium screw outer cap + elastomer inner septum	10	373564ZA
DEV lactose peptone broth	50 ml	-	125 ml	Aluminium screw outer cap + elastomer inner septum	40	373564ZAMP
DEV nutrient agar	100 ml	Acc. to the German Standard Methods	200 ml	Non injectable	10	300692ZA
DEV nutrient agar	100 ml	Acc. to the German Standard Methods	200 ml	Non injectable	40	300692ZAMP
DEV nutrient agar	200 ml	Acc. to the German Standard Methods	250 ml	Non injectable	10	453554ZA
DEV nutrient agar	200 ml	Acc. to the German Standard Methods	250 ml	Pouring ring	10	011642ZA
DEV nutrient agar	450 ml	Acc. to the German Standard Methods	500 ml	Metal cap w/o septum	10	531642ZA
Dextrose tryptone agar (DTA)	100 ml	-	125 ml	Non injectable	10	303525ZA
Diluent 9 Pharmacopoea	990 ml	-	1000 ml	-	5	AX021412
Diluent PE + neutraliser	190 ml	-	250 ml	Aluminium cap + septum	6	AX021361
Diluent PE + Tween® 80 1%	400 ml	-			12	AX029198
Diluent pH 7	1000 ml	-	1500 ml	-	6	881312ZA
Diluent Pharmacopoea	90 ml	-	125 ml	-	10	401312ZA
Diluent Pharmacopoea	300 ml	USP	500 ml	PE cap + septum	12	AX021203
Diluent Pharmacopoea (NaCl peptone broth pH 7)	400 ml	EP	500 ml	Aluminium cap + septum	12	AX029128
Diluent Pharmacopoea (NaCl peptone broth pH 7)	100 ml	EP	150 ml	Aluminium	10	AX021103
Diluent Pharmacopoea (NaCl peptone broth pH 7)	200 ml	EP	250 ml	Aluminium cap + septum	6	AX022281
Diluent Pharmacopoea (NaCl peptone broth pH 7)	990 ml	EP	1000 ml	Aluminium	9	AX021314
Diluent Pharmacopoea + 5% Tween®	900 ml	-	1000 ml	-	9	AX021417
Diluent Pharmacopoea + 5% Tween®	900 ml	-	1000 ml	-	4	031312TA
Diluent Pharmacopoea + neutraliser	900 ml	-	1000 ml	Twist off	9	AX021360
EE broth, Mossel	100 ml	EP	150 ml	Aluminium cap + septum	10	AX021109
EE broth acc. Mossel	90 ml	Harm Ph	125 ml	Aluminium screw outer cap + elastomer inner septum	10	310304ZA
EE broth acc. Mossel	90 ml	Harm Ph	125 ml	Aluminium screw outer cap + elastomer inner septum	40	310304ZAMP
EE broth acc. Mossel	90 ml	EP	150 ml	Aluminium screw outer cap + elastomer inner septum	10	AX029148
EE broth acc. Mossel	100 ml	EP	150 ml	Aluminium screw outer cap + elastomer inner septum + shrink wrapped plastic sleeve	10	300304ZA
EE broth acc. Mossel	90 ml	EP, USP, JP	150 ml	Aluminium screw outer cap + elastomer inner septum	10	AX021380
Eugon LT100 broth	90 ml	ISO 18415, ISO 21149, ISO 21150			10	313422ZA
Eugon LT broth	200 ml	ISO 18415, ISO 21149, ISO 21150	250 ml	Non injectable	10	453420SA
Fluid A	850 ml	Harm Ph	1000 ml	-	6	513560ZA
Fluid A	300 ml	Harm Ph	450 ml	-	10	553560ZA
Fluid D	400 ml	Harm Ph	500 ml	Aluminium screw outer cap + elastomer inner septum + shrink wrapped plastic sleeve	20	563200OAMP

Description	Filling	Standards	Size	Cap	Pk	Cat. No.
Fluid D	850 ml	Harm Ph	1000 ml	-	6	5132000A
Fluid D	400 ml	Harm Ph	500 ml	Aluminium screw outer cap + elastomer inner septum + shrink wrapped plastic sleeve	10	5632000A
Fluid K	300 ml	Harm Ph	450 ml	-	10	555010TA
Fluid thioglycollate medium (FTM)	200 ml	Harm Ph	200 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	451050ZA
Fraser broth	200 ml	ISO 11290-1	200 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	30	400343ZFMP
Fraser broth	200 ml	ISO 11290-1	200 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	400343ZF
FTM + resazurine	100 ml	USP	125 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	40	301051ZAMP
FTM + resazurine (acc USP)	100 ml	USP	125 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	301051ZA
Haemophilus test medium (HTM) broth	100 ml	-	150 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	300382ZF
Half Fraser broth	225 ml	-	250 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	400343VF
Half Fraser broth	225 ml	-	250 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	20	400343VFMP
Half Fraser broth	225 ml	ISO 11290-1	250 ml	Aluminium cap + septum	6	AX022243
Henkel standard	90 ml	USP, EP	200 ml	Non injectable	10	473040TH
Henkel standard	90 ml	USP, EP	200 ml	Non injectable	30	473040THMP
Henkel standard	90 ml	USP, EP	250 ml	Non injectable	10	313040TH
Inactivator solution	1000 ml	-	1000 ml	-	9	AX021378
Kanamycin aesculin azide agar	200 ml	Acc. to Mossel	250 ml	Non injectable	10	451830ZA
Lactose broth	90 ml	EP, USP, EPA	150 ml	Aluminium screw outer cap + elastomer inner septum	10	310440ZA
Lactose broth	100 ml	EP, USP, EPA	250 ml	Aluminium screw outer cap + elastomer inner septum	10	300440ZA
Lactose broth	500 ml	EP, USP, EPA	750 ml	-	6	880442ZA
Lactose broth (double conc.)	100 ml	EP, USP, EPA	150 ml	Aluminium cap + septum	10	AX021317
Lactose broth w. neutralising agents, wide neck	90 ml	EP, USP, EPA	150 ml	Aluminium cap + septum	10	AX021190
Lactose broth with neutralising agents	100 ml	EP, USP, EPA	150 ml	Aluminium cap + septum	10	AX021243
Lactose with 4% Tween® and 0,5% lecithin	990 ml	EP, USP, EPA	1000 ml	-	6	880442TA
LB broth acc. to Miller	100 ml	-	125 ml	Aluminium screw outer cap + elastomer inner septum	10	302510ZA
LB broth acc. to Miller	90 ml	-	125 ml	-	10	400442ZA
LB broth acc. to Miller	100 ml	-	125 ml	Aluminium screw outer cap + elastomer inner septum	40	302510ZAMP
LB broth acc. to Miller	100 ml	EP, USP, ISO 9308-1	250 ml	Aluminium cap + septum	6	AX021330
LB broth acc. to Miller	500 ml	EP, USP, ISO 9308-1	1000 ml	Plastic screw inner cap + elastomer septum + protective outer cap	6	VWRC572512ZA
Lethen agar	200 ml	FDA	250 ml	Non injectable	10	401570ZA
Lethen broth	100 ml	FDA	125 ml	Aluminium screw outer cap + elastomer inner septum + shrink wrapped plastic sleeve	10	301580ZA
Lethen broth	90 ml	FDA	150 ml	Aluminium	10	AX021102
Lethen broth, modified	90 ml	FDA	125 ml	Aluminium screw outer cap + elastomer inner septum	10	312760ZA
Lethen broth, modified	90 ml	FDA	125 ml	Non injectable	10	3027540A
Lethen broth, modified	90 ml	FDA	125 ml	Non injectable	40	3027540AMP
Lethen broth, modified	90 ml	FDA	125 ml	Aluminium screw outer cap + elastomer inner septum	40	312760ZAMP
Lethen broth+Tween®+Lecithin modified		FDA		-	10	AX021415
Lethen Tween® FeCl ₃ broth	300 ml	FDA	500 ml	Aluminium	12	AX021324
Lethen Tween® FeCl ₃ broth	100 ml	FDA	150 ml	Aluminium cap + septum	6	AX021323
Liquid A 0,1%	100 ml	Harm Ph	125 ml	Aluminium screw outer cap + elastomer inner septum	10	301314XA
Liquid A 0,1%	300 ml	Harm Ph	450 ml	-	10	551314XA
Liquid A 0,1%	450 ml	Harm Ph	500 ml	Aluminium screw outer cap + elastomer inner septum	10	561314XA
Liquid medium	400 ml	Harm Ph	450 ml	-	9	AX021235
Listeria enrichment broth (LEB)	225 ml	-	250 ml	Aluminium screw outer cap + elastomer inner septum + shrink wrapped plastic sleeve	10	400472XA
Listeria enrichment broth (LEB)	450 ml	-	500 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	560472ZA
Liver meat agar	200 ml	-	250 ml	Aluminium	6	AX022292
M17 agar	100 ml	ISO 7889, ISO 9232	125 ml	Aluminium screw outer cap + elastomer inner septum	10	303532ZA
M17 agar	100 ml	ISO 7889, ISO 9232	125 ml	Aluminium screw outer cap + elastomer inner septum	40	303532ZAMP
M17 with saccharose	100 ml	ISO 7889, ISO 9232	200 ml	Aluminium	10	AX021396
MacConkey agar	100 ml	Harm Ph	125 ml	Aluminium screw outer cap + elastomer inner septum + shrink wrapped plastic sleeve	10	300641ZA
MacConkey agar	100 ml	Harm Ph	150 ml	Aluminium	10	AX021111
MacConkey broth	100 ml	Harm Ph	125 ml	Aluminium screw outer cap + elastomer inner septum + shrink wrapped plastic sleeve	10	300674ZA
MacConkey broth	100 ml	Harm Ph	150 ml	Aluminium	10	AX021116
Malt extract agar	200 ml	ISO 16000, FDA	250 ml	Non injectable	10	450544ZA
Malt extract agar	200 ml	ISO 16000, FDA	250 ml	Non injectable	20	450544ZAMP
Maximum recovery diluent	100 ml	ISO 6887-1	125 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	313120ZA
Maximum recovery diluent with Tween®	200 ml	Harm Ph	250 ml	Metal cap w/o septum	8	881314TA

Description	Filling	Standards	Size	Cap	Pk	Cat. No.
Medium A	200 ml	Harm Ph	250 ml	Aluminium	6	AX021418
Methylcellulose 0,5%	200 ml	-	-	Aluminium	6	AX021233
Milk plate count agar	200 ml	ISO 17410, ISO 8552, ISO 4883	250 ml	Aluminium screw outer cap + elastomer inner septum	10	400774XA
Milk plate count agar	450 ml	ISO 17410, ISO 8552, ISO 4883	500 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	530774XA
Milk plate count agar	450 ml	ISO 17410, ISO 8552, ISO 4883	500 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	20	530774XAMP
Mossel broth	990 ml	-	1000 ml	-	6	880304ZA
Mossel broth	90 ml	-	125 ml	Aluminium screw outer cap + elastomer inner septum + shrink wrapped plastic sleeve	10	400304ZA
MRS agar	200 ml	DIN 13721, ISO 10109	250 ml	Aluminium screw outer cap + elastomer inner septum	10	400582ZA
MRS agar	200 ml	DIN 13721, ISO 10109	250 ml	Non injectable	10	400587ZA
MSRV semi-solid medium (base)	500 ml	-	1000 ml	Metal screw cap	10	560830ZA
MYP agar base	90 ml	ISO 7932	250 ml	Aluminium screw outer cap + elastomer inner septum	10	310053ZA
MYP agar base	90 ml	ISO 7932	250 ml	Aluminium screw outer cap + elastomer inner septum	40	310053ZAMP
NaCl peptone broth	90 ml	ISO 6887-1	125 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	313155ZA
NaCl peptone broth	90 ml	ISO 6887-1	125 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	40	313155ZAMP
NaCl peptone broth +1% Tween®	100 ml	ISO 6887-1	125 ml	Plastic screw inner cap + elastomer septum + protective outer, cap + shrink-wrapped plastic sleeve	10	3031510A
NaCl peptone broth +1% Tween®	100 ml	ISO 6887-1	125 ml	Plastic screw inner cap + elastomer septum + protective outer, cap + shrink-wrapped plastic sleeve	40	3031510AMP
OGY agar	100 ml	ISO 13721	150 ml	Aluminium	10	AX021118
OGYE agar	200 ml	ISO 13681	250 ml	Aluminium screw outer cap + elastomer inner septum	10	400720ZA
Orange serum agar	100 ml	ISO 8914-1	125 ml	Aluminium screw outer cap + elastomer inner septum	10	300733IA
Orange serum agar	50 ml	ISO 8914-1	125 ml	Aluminium screw outer cap + elastomer inner septum	10	370731ZA
Orange serum agar	50 ml	ISO 8914-1	125 ml	Aluminium screw outer cap + elastomer inner septum	40	370731ZAMP
Orange serum agar	200 ml	ISO 8914-1	250 ml	Non injectable	10	450731ZA
PBPS + 4% Tween® + 0,5% lecithin	90 ml	Harm Ph	250 ml	Aluminium screw outer cap + elastomer inner septum	10	471314TH
PBPS 4% Tween® 0,5% lecithin	90 ml	Harm Ph	125 ml	Aluminium screw outer cap + elastomer inner septum	10	471310TH
PBPS 4% Tween® 0,5% lecithin	90 ml	Harm Ph	250 ml	Aluminium screw outer cap + elastomer inner septum	30	471314THMP
PBTL 3% Tween® 0,3% lecithin	90 ml	Harm Ph	250 ml	Aluminium screw outer cap + elastomer inner septum	10	471314TA
PBTL 3% Tween® 0,3% lecithin	90 ml	Harm Ph	250 ml	Aluminium screw outer cap + elastomer inner septum	20	471314TAMP
PCA, skim milk agar	200 ml	-	250 ml	Aluminium	6	AX021255
PCA agar	150 ml	ISO 4833	150 ml	Aluminium	10	AX021117
PCA agar	200 ml	ISO 4833	250 ml	Aluminium	6	AX022229
PCA plate count agar	100 ml	ISO 4833	125 ml	Non injectable	10	300774ZA
PCA plate count agar	200 ml	ISO 4833	250 ml	Aluminium screw outer cap + elastomer inner septum	10	450774ZA
PCA plate count agar	450 ml	ISO 4833	500 ml	Non injectable	10	530774ZA
PCA plate count agar	450 ml	ISO 4833	500 ml	Non injectable	20	530774ZAMP
PCA without glucose	100 ml	-	150 ml	Aluminium	10	AX021264
PCA without glucose	200 ml	ISO 4833	250 ml	Aluminium	6	AX022206
PCA with starch 2 g/l	200 ml	ISO 4833	250 ml	Aluminium	6	AX021411
Peptone water 0,1%	100 ml	-	125 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	302252ZA
Peptone water 0,1%	450 ml	-	500 ml	Aluminium cap + septum	12	AX021257
Peptone water 0,1% with Tween®	300 ml	Harm Ph	500 ml	Plastic screw inner cap + elastomer septum + protective outer cap	10	5322520A
Peptone water 0,1% with Tween®	100 ml	Harm Ph	125 ml	Plastic screw inner cap + elastomer septum + protective outer cap	10	301314TA
Pharmacopoeia diluent, sodium thiosulphate 5 g/l	600 ml	-	1000 ml	PE cap + septum	9	AX021305
Pharmacopoeia diluent (NaCl peptone broth pH 7)	90 ml	EP	150 ml	Aluminium cap + septum	10	AX029124
Pharmacopoeia diluent (NaCl peptone broth pH 7)	300 ml	EP	500 ml	Aluminium cap + septum	12	AX021169
Pharmacopoeia diluent (NaCl peptone broth pH 7) Tween® 80 1%	90 ml	-	150 ml	Aluminium	10	AX021320
Pharmacopoeia diluent w. neutralising agent (DNP)	200 ml	EP	250 ml	Aluminium cap + septum	6	AX022255
Pharmacopoeia diluent w. neutralising agent (DNP)	300 ml	-	500 ml	Aluminium cap + septum	12	AX021283
Pharmacopoeia diluent w. neutralising agent (DNP), large neck	90 ml	-	150 ml	Aluminium cap + septum	10	AX021191
Pharmacopoeia diluent with neutralising agent (DNP)	90 ml	-	150 ml	Aluminium screw outer cap + elastomer inner septum	10	AX021146
Polyvalent univ. neutraliser	45 ml	-	100 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	332760TA
Potato dextrose agar	200 ml	Harm Ph	250 ml	Aluminium screw outer cap + elastomer inner septum	10	400782ZA
Potato glucose chloramphenicol broth	-	-	-	Aluminium	12	AX021198
Potato glucose chloramphenicol broth	-	-	-	Aluminium	50	AX011201
Preston broth w/o blood	225 ml	-	500 ml	Aluminium screw outer cap + elastomer inner septum	10	401640ZA
R2A agar	100 ml	EP, EPA	125 ml	Aluminium screw outer cap + elastomer inner septum	10	300802ZA
R2A agar	200 ml	EPA	250 ml	Aluminium	6	AX021250
Raka-Ray agar	125 ml	-	200 ml	-	10	305592ZA

Description	Filling	Standards	Size	Cap	Pk	Cat. No.
Rappaport Vassiliadis broth	90 ml	Harm Ph	125 ml	Aluminium screw outer cap + elastomer inner septum	10	313552ZA
Rappaport Vassiliadis broth	90 ml	Harm Ph	125 ml	Aluminium screw outer cap + elastomer inner septum	40	313552ZAMP
Rappaport Vassiliadis broth	100 ml	-	150 ml	Aluminium screw outer cap + elastomer inner septum	10	AX021263
Rappaport Vassiliadis broth	100 ml	Harm Ph	150 ml	Aluminium screw outer cap + elastomer inner septum	10	AX021383
RCM agar	200 ml	EPA	250 ml	Aluminium	6	AX021329
Reinforced clostridium medium	100 ml	-	125 ml	Non injectable	10	300842ZA
Sabouraud 2% glucose agar	200 ml	-	250 ml	Aluminium	6	AX022245
Sabouraud 2% glucose broth	100 ml	-	150 ml	Aluminium	10	AX021154
Sabouraud 2% glucose chloramphenicol agar	100 ml	-	150 ml	Aluminium	10	AX021106
Sabouraud 4% dextrose agar	400 ml	EP, USP	500 ml	Aluminium screw outer cap + elastomer inner septum	10	550884ZA
Sabouraud 4% dextrose agar	475 ml	-	500 ml	Non injectable	10	560885ZH
Sabouraud 4% dextrose agar	200 ml	EU, USP	250 ml	Aluminium screw outer cap + elastomer inner septum	10	400884ZA
Sabouraud 4% dextrose chloramphenicol agar	200 ml	Harm Ph	250 ml	Aluminium screw outer cap + elastomer inner septum	10	400884CA
Sabouraud 4% glucose agar	200 ml	-	250 ml	Aluminium	6	AX022279
Sabouraud 4% glucose chloramphenicol agar	200 ml	-	250 ml	Aluminium	6	AX022284
Sabouraud 4% glucose chloramphenicol agar	300 ml	-	500 ml	Aluminium	12	AX029189
Sabouraud chloramphenicol agar	100 ml	Harm Ph, ISO 13681	125 ml	Non injectable	10	300884CA
Sabouraud chloramphenicol agar	100 ml	Harm Ph, ISO 13681	125 ml	Non injectable	40	300884CAMP
Sabouraud chloramphenicol agar	400 ml	Harm Ph, ISO 13681	500 ml	Aluminium screw outer cap + elastomer inner septum	10	550884CA
Sabouraud dextrose agar	100 ml	Harm Ph	125 ml	Aluminium	10	300884ZA
Sabouraud dextrose broth	100 ml	Harm Ph	125 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	300894ZA
Sabouraud Tween® lecithin	100 ml	Harm Ph	125 ml	Non injectable	10	300884TA
Selenite cystine broth	80 ml	-	100 ml	-	10 ml	AX021421
Selenite cystine broth	100 ml	ISO 6579, USP	125 ml	Aluminium screw outer cap + elastomer inner septum	10	300954ZA
Slanetz & Bartley agar	200 ml	ISO 7899-2	250 ml	Aluminium	6	AX021261
Sodium chloride peptone broth, buffered	100 ml	-	300 ml	Aluminium	10	AX021372
Sodium chloride peptone broth with neutraliser	800 ml	-	1000 ml	Aluminium	9	AX021402
Sodium chloride peptone broth with neutraliser	290 ml	-	400 ml	Aluminium	9	AX021379
Sodium chloride peptone broth with Tween® 1 g/l	90 ml	-	100 ml	Aluminium	10	AX021405
Sodium chloride peptone broth with Tween® 1 g/l	90 ml	USP, FDA, EP	100 ml	Aluminium	10	AX021408
SPS agar	200 ml	-	250 ml	Aluminium screw outer cap + elastomer inner septum	10	401320ZA
TAT broth base w/o Tween®	90 ml	-	125 ml	Plastic screw inner cap + elastomer septum + protective outer, cap + shrink-wrapped plastic sleeve	10	311114YZ
TBG broth	100 ml	EP	150 ml	Aluminium screw outer cap + elastomer inner septum	10	AX021112
TBX agar	450 ml	ISO 16649-1	500 ml	Aluminium screw outer cap + elastomer inner septum + shrink wrapped plastic sleeve	10	561004ZA
TBX agar	100 ml	ISO 16649-1	150 ml	Aluminium screw outer cap + elastomer inner septum + shrink wrapped plastic sleeve	10	301004ZA
TBX agar, made with *Chromocult®	200 ml	ISO 16649-1	250 ml	Aluminium	6	AX021346
Tetrathionate broth	80 ml	-	100 ml	Aluminium	10	AX021420
Tetrathionate broth acc. Müller Kaufmann with Novobiocin (MKTn)	100 ml	ISO 6579	125 ml	Aluminium screw outer cap + elastomer inner septum	10	301030ZA
Thioglycolate resazurin broth	100 ml	EP, USP	150 ml	Aluminium cap + septum	10	AX021126
Thioglycolate resazurin broth	90 ml	EP, USP	150 ml	Aluminium cap + septum	10	AX029179
Thioglycollate broth	100 ml	EP, USP	125 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	301041ZA
Thioglycollate broth	450 ml	EP, USP	500 ml	Plastic screw inner cap + elastomer septum + protective outer, cap + shrink-wrapped plastic sleeve	10	561051ZA
Thioglycollate broth with resazurine	450 ml	-	500 ml	Aluminium	9	AX021370
Thioglycollate broth with resazurine	450 ml	-	500 ml	Aluminium	9	AX021406
Thioglycollate broth with Tween®	450 ml	EP, USP	500 ml	Aluminium	10	561042TA
Thioglycollate penase broth	100 ml	Harm Ph	125 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	301051PF
Thioglycollate penase broth	100 ml	Harm Ph	125 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	40	301051PFMP
Thioglycollate resazurine broth	900 ml	-	1000 ml	Aluminium	9	AX021371
TMLB-letheen-Tween® broth	90 ml	-	150 ml	Aluminium	10	AX021258
TOS agar	450 ml	-	500 ml	Non injectable	10	534744ZF
Tributyrin agar	100 ml	-	125 ml	Aluminium screw outer cap + elastomer inner septum	10	301353ZA
Tributyrin agar	100 ml	-	125 ml	Aluminium screw outer cap + elastomer inner septum	40	301353ZAMP
Tryptone salt broth (maximum recovery diluent)	90 ml	ISO 6887	150 ml	Aluminium cap + septum	10	AX021133
Tryptone salt broth (maximum recovery diluent)	225 ml	ISO 6886	250 ml	Aluminium cap + septum	6	AX022258
Tryptone yeast extract agar	100 ml	ISO 6222	125 ml	Non injectable	10	301250ZA
Tryptone yeast extract agar	200 ml	ISO 6222	250 ml	Non injectable	10	451254ZA

Description	Filling	Standards	Size	Cap	Pk	Cat. No.
Tryptone yeast extract agar	250 ml	ISO 6222	500 ml	Non injectable	10	561252ZA
Tryptone yeast extract agar	450 ml	-	500 ml	Non injectable	10	561251ZA
TSA tryptic soy agar	100 ml	EP, USP, ISO 9308-1	125 ml	Non injectable	10	301114ZA
TSA tryptic soy agar	200 ml	EP, USP, ISO 9308-1	250 ml	Aluminium	6	AX022205
TSA tryptic soy agar	200 ml	Harm Ph	250 ml	Aluminium screw outer cap + elastomer inner septum	10	401114ZA
TSA tryptic soy agar	300 ml	EP, USP, ISO 9308-1	500 ml	Aluminium	12	AX029129
TSA tryptic soy agar	450 ml	Harm Ph, ISO 9308-1	500 ml	Aluminium screw outer cap + elastomer inner septum	10	531114ZH
TSA tryptic soy agar	400 ml	Harm Ph, ISO 9308-1	500 ml	Aluminium screw outer cap + elastomer inner septum	10	551114ZA
TSA tryptic soy agar	450 ml	-	500 ml	Aluminium screw outer cap + elastomer inner septum	10	561114ZA
TSA tryptic soy agar LTHTh	100 ml	-	125 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	301121TA
TSA Tryptic soy agar LTHTh	100 ml	ISO 6579, USP	125 ml	Non injectable	10	301112TA
TSB tryptic soy broth	750 ml				6	511052ZA
TSB tryptic soy broth	750 ml			Metal screw cap	6	511122ZA
TSB tryptic soy broth	100 ml	Harm Ph, ISO 9308-1	125 ml	Plastic screw inner cap + elastomer septum + protective outer cap	10	301121ZA
TSB tryptic soy broth	55 ml	EP, ISO 9301-1, FDA, USP	125 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	371121ZA
TSB tryptic soy broth	100 ml	EP, ISO 9301-1, FDA, USP	125 ml	Metal cap w/o septum	10	301121ZQ
TSB tryptic soy broth	90 ml	-	125 ml	Metal screw cap	10	401122ZA
TSB tryptic soy broth	100 ml	EP, ISO 9301-1, FDA, USP	125 ml	Metal cap w/o septum	40	301121ZQMP
TSB tryptic soy broth	100 ml	EP, USP, ISO 9308-1	150 ml	Aluminium cap + septum	10	AX021135
TSB tryptic soy broth	90 ml	EP, USP, ISO 9308-1	150 ml	Aluminium cap + septum	10	AX029178
TSB tryptic soy broth	90 ml	EP, ISO 9301-1, FDA, USP	150 ml	Aluminium screw outer cap + elastomer inner septum	10	311121ZA
TSB tryptic soy broth	50 ml	USP, FDA, EP	150 ml	Aluminium	10	AX021374
TSB tryptic soy broth	200 ml	EP, ISO 9301-1, FDA, USP	250 ml	Aluminium screw outer cap + elastomer inner septum	10	451121ZA
TSB tryptic soy broth	100 ml	-	250 ml	Aluminium	6	AX021373
TSB tryptic soy broth	450 ml	EP, ISO 9301-1, FDA, USP	500 ml	Non injectable	10	561121ZA
TSB tryptic soy broth	450 ml	EP, ISO 9301-1, FDA, USP	500 ml	Non injectable	20	561121ZAMP
TSB tryptic soy broth	1000 ml	EP, ISO 9301-1, FDA, USP	1000 ml	Aluminium	5	AX021404
TSB tryptic soy broth	990 ml	EP, ISO 9301-1, FDA, USP	1000 ml	Metal screw cap	6	881122ZA
TSB tryptic soy broth penase	100 ml	USP, FDA and Eu Ph	125 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	301121PF
TSB tryptic soy broth penase	100 ml	USP, FDA and Eu Ph	125 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	40	301121PFMP
TSB tryptic soy broth w. pharmacopoea neutralisers	100 ml	-	150 ml	Aluminium cap + septum	10	AX021230
TSB tryptic soy broth with 0,07% lecithin and 0,5% Tween®	100 ml	-	125 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	301122SA
TSB with 0,07% lecithin and 0,5% Tween®	450 ml	-	500 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	561122SA
TSB with 0,1% Tween®	90 ml	-	125 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	3111220A
TSB with 2% Tween® with 0,3% lecithin	90 ml	-	100 ml	Aluminium	10	AX021414
TSB with 4% Tween® 20 and 0,5% lecithin	990 ml	-	1000 ml	Metal screw cap	6	881122TA
TSB with 4% Tween® 20 and 0,5% lecithin	990 ml	-	1000 ml	Metal screw cap	6	881120TA
TSB with 4% Tween® 20 and 0,5 % lecithin	90 ml	-	125 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	471120TA
TSB with neutraliser	800 ml	USP, EP	1000 ml	Metal screw cap	9	511120TA
TSC agar, base	100 ml	ISO 7937, 5552	150 ml	Aluminium	10	AX021131
TSC agar, base	200 ml	ISO 7937, 5552	250 ml	Aluminium cap + septum	6	AX021315
TSC agar base	100 ml	UNE 13401 and UNE EN 26461-2	125 ml	Aluminium screw outer cap + elastomer inner septum + shrink wrapped plastic sleeve	10	301141ZA
VRB agar	200 ml	Harm Ph ISO 5552	250 ml	Aluminium screw outer cap + elastomer inner septum	10	401183ZA
VRB agar	450 ml	-	500 ml	Metal screw cap	10	531183ZA
VRBD agar	200 ml	Harm Ph ISO 5552	250 ml	Aluminium screw outer cap + elastomer inner septum	10	401203ZA
VRBD agar	450 ml	Harm Ph ISO 5552	500 ml	Metal cap w/o septum	10	531203ZA
VRBD agar	450 ml	Harm Ph ISO 5552	500 ml	Metal cap w/o septum	20	531203ZAMP
VRBG agar	100 ml	EP, USP	125 ml	Non injectable	10	301203ZA
VRBL agar	100 ml	ISO 4832	150 ml	Aluminium	10	AX021130
VRBLD agar	100 ml	EP, USP	150 ml	Aluminium	10	AX021187
WL nutrient agar, modified	125 ml	-	200 ml	-	10	301212AA
Wort agar	125 ml	-	200 ml	-	10	302322ZA
Yeast broth acc. cocacola	450 ml	-	500 ml	-	10	555570ZA
Yeast extract agar	200 ml	-	250 ml	Non injectable	10	451251ZA
YGC agar	100 ml	ISO/DIS 6611	150 ml	Aluminium	10	AX021128
YGC agar	200 ml	ISO/DIS 6611	250 ml	Aluminium	6	AX021259
YGC agar	200 ml	-	250 ml	Non injectable	10	402232ZA
YGC agar	450 ml	ISO 7954	500 ml	Plastic screw inner cap + elastomer septum + protective outer cap + shrink-wrapped plastic sleeve	10	532230CA

Media for use in media fill test

Validation of aseptic processing should include a simulation test using a nutrient medium, known as the media fill test or media simulation test. The selection of the nutrient medium should be made based on the quantity of the product produced and the selectivity, clarity, concentration and suitability for sterilisation of the nutrient medium. The process simulation test should imitate as closely as possible the routine aseptic manufacturing process and include all the critical subsequent manufacturing steps. Normally process simulation tests should be repeated twice a year per shift and process. The number of containers used for media fills should be sufficient to enable a valid evaluation. For small batches, the number of containers for media fills should at least equal the size of the product batch.

- Ready to use media saves time and decreases the risks associated with media preparation
- Sterility and fertility according to international requirements and guidelines for media fill validation

In compliance with BSE/TSE requirements.



Description	Filling	Pk	Cat. No.			
TSB non animal origin, bottles and bags						
Media for media fill test, bottle	500 ml	500 ml	AX021416			
Media for media fill test, bottle	1000 ml	1 l	AX0110086			
Media for media fill test, bag with connectors	10000 ml	10 l	AX0110087			
Media for media fill test, bag with connectors	20000 ml	20 l	AX0110088			
Description	Filling	Standards	Size	Volume (ml)	Pk	Cat. No.
Culture media, ready to use, in bags						
Tryptone soy broth (TSB)		Harm Ph, ISO 9308-1		3000	3	8011212B
Tryptone soy broth (TSB)		Harm Ph, ISO 9308-1		5000	2	8511212B
Culture media, ready to use, in bottles						
TSB tryptic soy broth	100 ml	Harm Ph, ISO 9308-1	125 ml		10	3011212A
TSB tryptic soy broth	200 ml	EP, ISO 9301-1, FDA, USP	250 ml		10	4511212A
TSB tryptic soy broth	450 ml	EP, ISO 9301-1, FDA, USP	500 ml		10	5611212A
TSB tryptic soy broth	450 ml	EP, ISO 9301-1, FDA, USP	500 ml		20	5611212AMP

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Culture media, ready to use, in bags

Microbiology media in bags are ideally suited for high sample volumes.

- Space saving packaging
- No risk associated with broken glass bottles
- Media can be easily and conveniently dispensed using a gravimetric diluter or peristaltic pump



Description	Standards	Volume (ml)	Pk	Cat. No.
Buffered peptone water	ISO 22964, ISO 21528, ISO 19250, ISO 6579, 11290-2, 6887-1	3000	3	800179ZB
Buffered peptone water	ISO 22964, ISO 21528, ISO 19250, ISO 6579, 11290-2, 6887-1	5000	2	850179ZB
Buffered peptone water	ISO 22964, ISO 21528, ISO 19250, ISO 6579, 11290-2, 6887-1	2000	5	870179ZB
Buffered peptone water	ISO 22964, ISO 21528, ISO 19250, ISO 6579, 11290-2, 6887-1	5000	2	AX031106
Buffered peptone water	ISO 22964, ISO 21528, ISO 19250, ISO 6579, 11290-2, 6887-1	2000	5	AX031107
Buffered peptone water with Tween® 1%	ISO 22964, ISO 21528, ISO 19250, ISO 6579, 11290-2, 6887-1	3000	3	800179ZT
Half Fraser broth	ISO-11290-1	3000	3	800343VB
Half Fraser broth	ISO-11290-1	5000	2	850343VB
Half Fraser broth	ISO-11290-1	2000	5	870343VB
Half Fraser broth	ISO-11290-1	5000	2	AX031109
Half Fraser broth	ISO-11290-1	2000	5	AX031108
Lethen broth (modified) with Tween® (MLBT)	-	3000	3	802760ZA
Maximum recovery diluent	-	3000	3	803120ZB
Maximum recovery diluent	-	5000	2	853120ZB
Maximum recovery diluent, 2x5000 ml	-	5000	10 l	AX031119
MRS broth	-	900	20	6141.01000
Polyvalent universal neutraliser	-	5000	2	852760TA
Polyvalent universal neutraliser	-	2000	5	872760TA
Tryptone soy broth (TSB)	Harm Ph, ISO 9308-1	3000	3	801121ZB
Tryptone soy broth (TSB)	Harm Ph, ISO 9308-1	5000	2	851121ZB
Tryptone soy broth (TSB), (EP, USP, ISO 9308)	Harm Ph	5000	2	AX031110

Description	Pk	Cat. No.
Accessories		
Media bag stand	1	49926000
Bag connector	1	49926300

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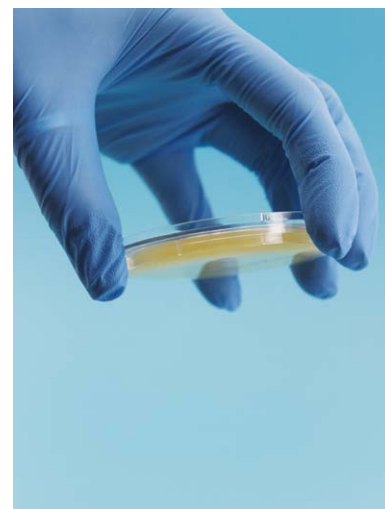
Contact plates for surface and air control, irradiated



Contact plates are ideal for monitoring the microbiological contamination of surface and air (using an air sampler) inside cleanrooms, isolators, RABS (Restricted Access Barrier), the food industry and hospitals. Triple wrapping ensures that the package itself does not contaminate the environment as the first wrapper is removed just before entering a clean area. Packaging of plates containing PCA is not irradiated.

- Plates packed in special triple-wrapped packaging with irradiation indicator
- Possibility of using PET, transparent, reusable container to transport plates to the laboratory after sampling
- Special packaging for good protection of the product during transport and storage
- Available with TLHTh (Tween®, lecithin, histidine, thiosulphate) disinfectant neutralisers
- Available with certificate of irradiation/dosimetry
- VHP resistance studies available for all triple-wrapped plates

Contains 8x10 triple-wrapped packs with a total of 80 plates. 8 PET, transparent, reusable containers are included.



Description	Standards	Filling	Pk	Cat. No.
PCA contact TLHTh triple-wrapped	-	13 ml	80	140774TI
PCA contact triple-wrapped	EPA, ISO 4833	13 ml	80	140774ZI
Rose bengal chloramphenicol agar contact triple-wrapped	-	13 ml	80	140070ZI
Sabouraud 4% dextrose agar contact TLHTh triple-wrapped	Ph. Eur., USP, JP	13 ml	80	140884TI
Sabouraud 4% dextrose agar contact triple-wrapped	Ph. Eur., USP, JP	13 ml	80	140884ZI
Sabouraud 4% dextrose with chloramphenicol triple-wrapped	Ph. Eur., USP, JP	13 ml	80	140884CY
TSA contact penase TLHTh triple-wrapped	Ph. Eur., USP, JP	13 ml	80	141114RY
TSA contact penase triple-wrapped	Ph. Eur., USP, JP	13 ml	80	141114PY
TSA contact TLHTh triple-wrapped	Ph. Eur., USP, JP	13 ml	80	141114TI
TSA contact triple-wrapped	Ph. Eur., USP, JP	13 ml	80	141114ZI
VRBG agar contact triple-wrapped	Ph. Eur., USP, JP	13 ml	80	151203ZA

Contact plates, blister packed, irradiated



Available in two pack sizes - triple-wrapped (24 plate pack) and double-wrapped (30 plate pack). Plates are packed in a pack with six blisters. Each blister contains one plate so every time you open a compartment you use only one plate. Available with TLHTh disinfectant neutraliser (Tween®, lecithin, histidine, thiosulphate).

- Triple-wrapping ensures that the package itself doesn't contaminate the environment as the first wrapper is removed just before entering a clean area
- Available with certificate of irradiation/dosimetry
- VHP resistance studies available for all triple-wrapped plates
- Storage at room temperature

5x6 or 4x5x6 plate packs consist of 5 blister packs with an additional cellophane bag.

4x6 plate packs comprise of 4 blister packs with 2 additional cellophane bags. An irradiation indicator is featured on each blister.



Description	Standards	Filling	Pk	Cat. No.
Baird Parker agar blister double-wrapped	-	12 ml	30	250063UA
Baird Parker agar blister double-wrapped	-	12 ml	120	250063UAMP
Cetrimide agar blister double-wrapped	-	12 ml	30	250793ZI
MacConkey agar blister double-wrapped	-	12 ml	30	250641ZA
Malt extract agar blister double-wrapped	-	12 ml	30	250544ZI
Malt extract agar with chloramphenicol blister double-wrapped	-	12 ml	30	250542CA
Mannitol salt agar blister double-wrapped	-	12 ml	30	250560ZA
PCA blister triple-wrapped	EPA, ISO 4833	12 ml	24	270774ZI
PCA contact blister double-wrapped	EPA, ISO 4833	13 ml	30	250774ZI
PCA TLHTh blister double-wrapped	EPA, ISO 4833	12 ml	30	250774TI
PCA TLHTh blister triple-wrapped	EPA, ISO 4833	12 ml	24	270774TI
RBC agar blister double-wrapped	-	12 ml	120	250070ZIMP
Rose bengal chloramphenicol agar contact blister double-wrapped	-	13 ml	30	250070ZI
Sabouraud 4% dextrose agar contact blister double-wrapped	Harm Ph	13 ml	30	250884ZI
Sabouraud 4% dextrose agar contact blister TLHTh double-wrapped	Harm Ph	13 ml	30	250884TI
Sabouraud 4% dextrose agar contact blister TLHTh triple-wrapped	Harm Ph	13 ml	24	270884TI
Sabouraud 4% dextrose agar contact blister triple-wrapped	Harm Ph	13 ml	24	270884ZI
Sabouraud 4% dextrose Chloramphenicol agar blister double-wrapped	Harm Ph	12 ml	30	250884CY

Description	Standards	Filling	Pk	Cat. No.
Sabouraud 4% dextrose Chloramphenicol agar blister double-wrapped	Harm Ph	12 ml	120	250884CYMP
Sabouraud 4% dextrose chloramphenicol agar blister triple-wrapped	Harm Ph	12 ml	24	270884CY
TSA blister double-wrapped	Harm Ph	12 ml	120	251114ZIMP
TSA contact blister double-wrapped	Harm Ph	13 ml	30	251114ZI
TSA contact blister penase double-wrapped	Harm Ph	13 ml	30	251114PY
TSA contact blister penase TLHTh triple-wrapped	Harm Ph	13 ml	24	271114RY
TSA contact blister penase with neutralisers TLHTh double-wrapped	Harm Ph	13 ml	30	251114RY
TSA contact blister TLHTh triple-wrapped	Harm Ph	13 ml	24	271114TI
TSA contact blister triple-wrapped	Harm Ph	13 ml	24	271114ZI
TSA contact blister with neutralisers TLHTh double-wrapped	Harm Ph	13 ml	30	251114TI
TSA penase blister double-wrapped	Harm Ph	12 ml	120	251114PYMP
TSA penase TLHTh blister double-wrapped	Harm Ph	12 ml	120	251114RYMP
TSA with cycloheximide blister double-wrapped	Harm Ph	12 ml	30	251114AF
TSA with cycloheximide blister double-wrapped	Harm Ph	12 ml	120	251114AFMP
TSA with neutralisers TLHTh blister double-wrapped	Harm Ph	12 ml	120	251114TIMP
TSA with neutralisers TLHTh blister double-wrapped	Harm Ph	12 ml	30	251114SI
TSA with neutralisers TLHTh blister double-wrapped	Harm Ph	12 ml	120	251114SIMP
VRB agar blister double-wrapped	-	12 ml	30	251183ZA
VRB agar blister double-wrapped	-	12 ml	120	251183ZAMP
VRBG agar contact blister double-wrapped	ISO 5552	13 ml	30	251203ZA
VRBG-TLHTM blister double-wrapped	ISO 5552	12 ml	30	251203TA
VRBG-TLHTM blister double-wrapped	ISO 5552	12 ml	120	251203TAMP

Contact plate weight applicator, Contact Weight



Used in combination with contact plates, the Contact Weight enables the standardisation of microbiological surface control between operators. It applies the same constant pressure for a pre-set time on the contact plate. This ensures results are directly comparable. The Contact Weight meets the ISO 18593 Standard and has a sterilisable stainless steel base and pull-out digital timer.

- Dry heat or steam sterilisable stainless steel base with pull-out digital timer
- Can be used with different types of contact plates
- According to ISO 18593
- Weighs only 500 g



Description	Pk	Cat. No.
Contact plate applicator, Contact Weight	1	710-0961



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Dip slides



Dip slides for microbiological monitoring of surfaces and in liquids. Each slide has media on both sides with a choice of the same medium or two different media on the two sides of the slides. This allows sampling of two surfaces with every slide. Testing with dip slides is a safe, reliable, economical and fast indicator of the presence of microorganisms. Dip slides with a push cap have a larger contact area.

- Supplied sterile
- Sampling takes only a few seconds
- The results are easily read after just 24 to 48 hours

Type	Push cap	Screw cap
Contact area (cm ²)	10	7
Dimensions	30 mm tube, 110 mm high	24 mm tube, 92 mm high
Tray WxL (mm)	50x22	50x15
Paddle size (mm)	80x28	72x20



Description	Pk	Cat. No.
Push cap		
Baird-Parker, on both sides, for Staphylococcus aureus	10	535302D
Baird-Parker, on both sides, for Staphylococcus aureus	100	535303D
Baird-Parker and total count agar, for Staphylococcus aureus	10	535304D
Baird-Parker and total count agar, for Staphylococcus aureus	100	535305D
Baird-Parker and VRBG, for Staphylococcus aureus and Enterobacteriaceae	10	535308D
CLED and MacConkey agar, for total count, Salmonella, Shigella and Coliform	100	535194V
Malt extract agar, on both sides, for yeasts and moulds	10	535328D
Malt extract agar, on both sides, for yeasts and moulds	100	535329D
Nutrient agar and pseudomonas agar, for total count and Pseudomonas	10	535182R
Nutrient agar and pseudomonas agar, for total count and Pseudomonas	100	535184T
Nutrient agar with TTC, on both sides, for total count	10	535092Q
Nutrient agar with TTC and malt extract agar, for total count, yeasts and moulds	10	535102B
Nutrient agar with TTC and malt extract agar, for total count, yeasts and moulds	100	535104D
Nutrient agar with TTC and neutralisers, for total count	10	535309D
Nutrient agar with TTC and neutralisers, for total count	100	535310D
TSA with TTC and rose bengal agar, for total count, yeasts and moulds	10	535112D
TSA with TTC and rose bengal agar, for total count, yeasts and moulds	100	535114F
Plate count agar, on both sides, for total count	100	535124H
Plate count agar and MacConkey agar, for total count, Salmonella, Shigella and Coliform	10	535142J
Plate count agar and MacConkey agar, for total count, Salmonella, Shigella and Coliform	100	535144L
Plate count agar and OGYE agar with neutralisers, for total count, yeasts and moulds	10	535132H
Plate count agar and OGYE agar with neutralisers, for total count, yeasts and moulds	100	535134J
Plate count agar and VRBGA, for Staphylococcus aureus and Enterobacteriaceae	10	535162N
Plate count agar and VRBGA, for Staphylococcus aureus and Enterobacteriaceae	100	535164P
Plate count agar and VRBGA with neutralisers, for Staphylococcus aureus and Enterobacteriaceae	10	535172P
Plate count agar and VRBG with neutralisers, for Staphylococcus aureus and Enterobacteriaceae	100	535174R
Plate count agar MacConkey agar with neutralisers, for total count, Salmonella, Shigella and Coliform	10	535152L
Plate count agar MacConkey agar with neutralisers, for total count, Salmonella, Shigella and Coliform	100	535154N
Plate count agar, on both sides, for total count	10	535122F
Plate count agar with neutralisers, on both sides, for total count	10	535324D
Plate count agar with neutralisers, on both sides, for total count	100	535325D
Plate count agar with TTC, on both sides, for total count	10	535311D
Plate count agar with TTC, on both sides, for total count	100	535312D
Plate count agar with TTC and MacConkey agar 3, for total count, Salmonella, Shigella and Coliform	100	535319D
Plate count agar with TTC and MacConkey agar 3, for total count, Salmonella, Shigella and Coliform	10	535318D
Plate count agar with TTC and MacConkey agar 3 with neutralisers, for total count, Salmonella, Shigella and Coliform	10	535316D
Plate count agar with TTC and MacConkey agar 3 with neutralisers, for total count, Salmonella, Shigella and Coliform	100	535317D
Plate count agar with TTC and neutralisers, on both sides, for total count	10	535313D
Plate count agar with TTC and neutralisers, on both sides, for total count	100	535314D
Pseudomonas CFC and MacConkey agar 3, for total count, Salmonella, Shigella and Coliform	10	535322D
Pseudomonas CFC and MacConkey agar 3, for total count, Salmonella, Shigella and Coliform	100	535323D
Rose bengal agar, for yeasts and moulds	10	535202E
Rose bengal agar, for yeasts and moulds	100	535204G
TSA with malt extract agar, on both sides, for yeasts and moulds	10	535320D
TSA with neutralisers, on both sides, for total count	10	535326D
TSA with neutralisers, on both sides, for total count	100	535327D
TSA with TTC and malt extract agar, for yeasts and moulds	100	535321D
VRBG agar, large, for Enterobacteriaceae	10	EX
VRBG agar, large, for Enterobacteriaceae	100	EC
Screw cap		
Nutrient agar TTC, on both sides, for total count	10	535306D
Nutrient agar TTC, on both sides, for total count	100	535307D

Surface sampling sponge kits



Surface sampling kits come in two forms: dry sponge sterile sampling bag with write-on strip containing a dry, biocide-free cellulose sponge or wet sponge sterile sampling bag with a foil-sealed, pre-moistened cellulose sponge, and 10 ml of sterile neutralising buffer.

- Sterilised using gamma irradiation and leakproof transport bags for the rapid cooling of samples in refrigerators
- Puncture-proof safety bags eliminating the sharp points that can cause puncture and/or abrasions
- Larger surface in comparison with normal sampling swabs

The surface sampling sponge kit is designed to collect and transport samples to detect the presence of microbiological contaminations such as *Listeria*, *Salmonella*, *E. coli*, and other foodborne pathogens on almost any surface. These kits are widely used in the food, medical, public health and cosmetic industries.

HACCP, USDA, ACIA and CFIA requirements.

Gloves should be worn during all sampling procedures.



Description	Pk	Cat. No.
Surface sampling sponges with buffer	100	300-0229
Dehydrated surface sampling sponges in a 450 ml bag	400	710-1020
Dehydrated surface sampling sponges in a 450 ml bag with gloves	400	710-0860
Surface sampling sponges pre-moistened with neutralising buffer	100	300-0230
Surface sampling sponges pre-moistened with Dey/Engley neutralising buffer	100	300-0231
Sterile transport bags and surface sampling sponges with handle pre-moistened with neutralising buffer	100	300-0232
Sterile transport bags and surface sampling sponges with handle pre-moistened with Dey/Engley neutralising buffer	100	300-0240

Test strips, peroxide, Dosatest

A ready to use kit that fits into your lab coat pocket.

- Rapid and convenient
- Easy to handle
- Choice of ranges for required precision

Ideal to monitor your disinfection processes. Semi-quantitative results can be obtained between 10 and 120 seconds.

The colour charts are adjusted and checked using certified standard solutions that are directly traceable to primary NIST standards.

Container with 100 test strips 6x95 mm.

Description	Range no units	Pk	Cat. No.
Peroxide test strips 0 - 25 mg/l	0 · 0.5 · 2 · 5 · 10 · 25	100	85433.601
Peroxide test strips 0 - 100 mg/l	0 · 1 · 3 · 10 · 30 · 100	100	85434.601
Peroxide test strips 0 - 1000 mg/l	0 · 50 · 150 · 300 · 500 · 800 · 1000	100	85435.601



VWR® for liquid handling

Burettes - Pasteur/transfer pipettes - Serological pipettes -
Pipette filler bulbs - Single channel pipettes - Repetitive
pipettes - Multi channel pipettes - Pipette tips - Bottle-top
dispensers - Repetitive pipettor tips

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Air samplers, SAS Super ISO

SAS Super ISO 100 and SAS Super ISO 180 are differentiated by differences in airflow; this choice depends on the application and allows continuous or sequential sampling from a few minutes to several hours. The data can be stored on the SAS instrument itself or on any remote PC.

- Design avoids turbulence in unidirectional airflow and reaspiration of tested air
- Portable and easily positioned, they operate with long life rechargeable batteries
- All manuals are available as USB key in six languages

Derived from the SAS instrument used on the International Space Station, the SAS Super ISO have been specifically designed for pharmaceutical and hospital sectors.

ISO 14698 & USP 1116 Pharmacopoeia.

For complete system, please order the sampler you require, a battery charger and the appropriate head.



Sampling head	Aluminium, stainless steel or plastic (certified ready to use)
WxDxH	120x125x275 mm
Weight	1,8 kg

Model	Airflow	Pk	Cat. No.
Air sampler using contact plates			
SAS Super ISO 100	100 l/min	1	710-0871
SAS Super ISO 180	180 l/min	1	710-0872
Air sampler using Petri dishes			
SAS Super ISO 100	100 l/min	1	710-0869
SAS Super ISO 180	180 l/min	1	710-0870

Description	Pk	Cat. No.
Accessories		
Sterile heads for Ø 55 mm contact plates	40	710-0890
Aluminum aspirating head for Ø 55 mm contact plates	1	710-0892
Stainless steel aspirating head for Ø 55 mm contact plates	1	710-0880
Aluminum aspirating head for Ø 90 mm Petri dishes	1	710-0886
Stainless steel aspirating head for Ø 90 mm Petri dishes	1	710-0878
Aluminum carrying case	1	710-0875
Telescopic floor tripod	1	710-1857
Adapter for Petri dishes Ø 90 mm	1	710-0882
Aspirating chamber for Petri dishes, Ø = 90 mm	1	710-0948
Battery charger with interchangeable plug, 90 – 260 V	1	710-0973
Stainless steel floor tripod	1	710-0889

Air samplers, SAS Super DUO 360

When environmental contamination is very low, and the number of samples to be performed is high, operational duration can be an important factor in the choice of SAS instrument. Two sampling heads that operate simultaneously to sample 1000 litres of air in less than three minutes is the solution.

- Single body with two aspirating heads
- All manuals are available as USB key
- Instruction manual in six different languages

The simultaneous sampling on two heads also allows you to obtain statistically representative results when using the same type of media in both heads. It is also possible to use two different media for the same sampling cycle (TSA or PCA for Total Bacterial Count and SDA for yeasts and moulds). Sampling with the two heads can have sample process time, which is a real advantage for busy users.

ISO 14698 and USP 1116 Pharmacopoeia.

For complete system, please order the sampler you require, a battery charger and the appropriate head.



Airflow rate	180 l/min
Sampling head	Aluminium, stainless steel or plastic (certified ready to use)
WxDxH	260x110x352 mm
Weight	2,2 kg

Description	Model	Pk	Cat. No.
Air sampler using contact plates	SAS Super DUO 360	1	710-0867
Air sampler using Petri dishes	SAS Super DUO 360	1	710-0866

Description	Pk	Cat. No.
Accessories		
Adapter for Petri dishes Ø 90 mm	1	710-0882
Aluminium carrying case	1	710-0876
Aluminum aspirating head for Ø 55 mm contact plates	1	710-0892
Interface cable	1	710-0964
IQ-OQ-PQ validation protocols	1	710-0957
Soft carrying case	1	710-0888
Software	1	710-0975
Stainless steel aspirating head for Ø 55 mm contact plates	1	710-0880
Stainless steel floor tripod	1	710-0889
Stainless steel head and adapter	1	710-0877
Telescopic floor tripod	1	710-1857
Universal battery charger	1	710-0993

Air samplers, SAS Super IAQ

The SAS Super IAQ provides the same efficiency as recorded by the sampling tests conducted by Centre for Applied Microbiology & Research (CAMR-UK).

- Microbiological air monitoring solution for agri-food and environmental operators
- Includes all accessories required for microbiological air sampling
- Easy to use and time saving, low operating cost solution

Designed specifically for the Indoor Air Quality (IAQ) sector, this SAS Super instrument is particularly lightweight and durable to operate in any environment, therefore suitable for environmental hygienists and agri-food sector operators.

Supplied with aluminium aspirating head for Petri dishes (Ø 90 mm) or contact plates (Ø 55 mm), battery charger, remote control and soft carrying case.



Airflow rate	100 l/min
Sampling head	Aluminium
Power	220 V/50 Hz
WxDxH	105x110x290 mm
Weight	1,75 kg

Description	Model	Pk	Cat. No.
Sampler for contact plates	SAS Super IAQ	1	710-0868
Sampler for Petri dishes	SAS Super IAQ	1	710-0919

Description	Pk	Cat. No.
Accessories		
Universal battery charger	1	710-0993
Sterile heads for Ø 55 mm contact plates	40	710-0890
Aluminum aspirating head for Ø 55 mm contact plates	1	710-0892
Aluminum aspirating head for Ø 90 mm Petri dishes	1	710-0886
Aluminum carrying case	1	710-0875
Telescopic floor tripod	1	710-1857
Adapter for Petri dishes Ø 90 mm	1	710-0882
Stainless steel floor tripod	1	710-0889

Air samplers, SAS Super Isolator



The SAS instrument control unit is placed outside and connected to the aspirating head using a simple electrical connection. All possible typical contamination sources of the vacuum sampling system are avoided using the SAS Super Isolator. An interesting application of this air sampler is that several heads can be controlled by a single SAS control unit providing a practical and economical solution.

- Operational flexibility, multiple language choice
- Records day, time, site, volume of air sampled, and operator's name
- Large back lit screen with intuitive menu; active operation status confirmed by flashing red LED

SAS Super Isolator instruments have been created for the specific monitoring of closed environments of isolators and RABS, ensuring their complete separation from outside influences.

For complete system, please order the sampler you require, a battery charger and the appropriate head.



Model	SAS Super Isolator				Duo SAS 360 Isolator
Airflow rate	100 l/min	180 l/min	100 l/min	180 l/min	2x180 l/min
Sampling head	Stainless steel				
WxDxH	105x110x290 mm				360x160x180 mm
Weight	1,75 kg				2,1 kg

Description	Model	Pk	Cat. No.
Sampler using contact plates	SAS Super Isolator 100	1	710-0943
Sampler using contact plates	SAS Super Isolator 180	1	710-0944
Sampler using Petri dishes	SAS Super Isolator 100	1	710-0945
Sampler using Petri dishes	SAS Super Isolator 180	1	710-0946
Air sampler with 2 aspirating heads using contact plates	Duo SAS 360 Isolator	1	710-0977
Air sampler with 2 aspirating heads using Petri dishes	Duo SAS 360 Isolator	1	710-0978

Description	Pk	Cat. No.
Accessories		
In-Out MH spare battery	1	710-0998
IQ-OQ-PQ manual	1	710-0954
Universal battery charger	1	710-0993
Battery charger, 110 V	1	710-1699
Extension cable (3 m)	1	710-0968
Sterile heads for Ø 55 mm contact plates	40	710-0890
Stainless steel head and adapter	1	710-0877
Aluminum aspirating head for Ø 55 mm contact plates	1	710-0892
Stainless steel aspirating head for Ø 55 mm contact plates	1	710-0880
Aluminum aspirating head for Ø 90 mm Petri dishes	1	710-0886
Stainless steel aspirating head for Ø 90 mm Petri dishes	1	710-0878
Interface cable	1	710-0964
Software	1	710-0975
Remote control	1	710-0962
Aspirating chamber for contact plates, Ø 55 mm	1	710-0947
Adapter for Petri dishes Ø 90 mm	1	710-0882
Aspirating chamber for Petri dishes, Ø = 90 mm	1	710-0948
Battery charger with interchangeable plug, 90 – 260 V	1	710-0973

Air sampler for compressed gases, SAS Super Pinocchio II



SAS Super Pinocchio II is a microbial impaction sampler to test the quality of compressed air and gases used in cleanrooms. A compressed air source is connected and the flow meter regulated to achieve the required flow rate.

- Fully transportable
- 55 mm contact plates (RODAC) or 90 mm standard Petri dishes
- Sampling period timed to obtain the required total sample volume

IQ, OQ and PQ documentation available.

Self-contained unit consisting of connections, airflow meter, pressure gauge, tap, funnel head complete with plate housing.



Airflow rate	100 l/min
Material	Stainless steel
Max. temperature	40 °C
WxDxH	400x200x245 mm
Weight	2 kg

Description	Model	Pk	Cat. No.
Air microbial sampler using Petri dishes	SAS Super Pinocchio II	1	710-0950
Air microbial sampler using contact plates	SAS Super Pinocchio II	1	710-0949
Air microbial sampler using contact plates with calibration certificate	SAS Super Pinocchio II	1	710-0951
Air microbial sampler using Petri plates with calibration certificate	SAS Super Pinocchio II	1	710-0955

Description	Pk	Cat. No.
Accessories		
IQ-OQ-PQ manual	1	710-0976
Calibrated flow meter	1	710-0965



designed for reliability

VWR® for autoclaving

- Autoclaves
- Sterilisation pouches
- Waste disposal bags
- Pipette sterilisation containers
- Cell culture bottles
- Deodorants
- Sterilisers
- Sterilisation indicators

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Water and general sampling bottles

HDPE, translucent, food grade wide neck graduated square bottles with HDPE colour coded tamper-evident caps.

- Colour coded caps for easy identification
- Tamper-evident screw caps for all bottle types
- Fully batch traceable for irradiated items
- Bottles individually numbered for better traceability
- Fully recyclable
- Square shape for easy storage and handling
- Graduated at 100 ml increments

Lightweight, durable bottles, graduated. Choice of non sterile, sterile and sterile dosed with sodium thiosulphate. Wide neck (38 mm) for easy filling and emptying.



Description	Capacity (ml)	Dosage	Cap colour	WxDxH (mm)	Pk	Cat. No.
Non sterile	500	Undosed	Yellow	62x62x182	140	331-0305
Sterile	500	Undosed	Cyan	62x62x182	140	331-0306
Sterile	500	Sodium thiosulphate (18 mg/l)	Purple	62x62x182	140	331-0307
Sterile	500	Sodium thiosulphate (20 mg/l)	Red	62x62x182	140	331-0308
Sterile	500	Sodium thiosulphate (120 mg/l)	White	62x62x182	140	331-0309

Water sampling bottles, sterile

PET, virgin, food grade with PP caps.

- Different coloured caps for easy identification of test
- Tamper-evident strip to ensure sampling integrity
- Full traceability, batch number and individual bottle number on each label
- Fully recyclable
- Cap diameter: 32 mm

Lightweight, durable bottles. Caps designed to shield neck from contamination. Choice of dosed and undosed bottles. Rectangular bottles for better storage with limited space.

Blue cap: For natural, non chlorinated water without sodium thiosulphate

White cap: For chlorinated water dosed with 120 mg/l sodium thiosulphate

Red cap: For chlorinated water dosed with 20 mg/l sodium thiosulphate



Capacity (ml)	Dosage	Cap colour	WxDxH (mm)	Pk	Cat. No.
Square bottles					
500	Undosed	Blue	70x70x192	108	331-0268
500	Sodium thiosulphate (20 mg/l)	Red	70x70x192	108	331-0272
500	Sodium thiosulphate (120 mg/l)	White	70x70x192	108	331-0276
1000	Undosed	Blue	89x89x222	70	331-0269
1000	Sodium thiosulphate (20 mg/l)	Red	89x89x222	70	331-0273
1000	Sodium thiosulphate (120 mg/l)	White	89x89x222	70	331-0277
Rectangular bottles					
350	Undosed	Blue	70x50x174	144	331-0256
350	Sodium thiosulphate (20 mg/l)	Red	70x50x174	144	331-0270
350	Sodium thiosulphate (120 mg/l)	White	70x50x174	144	331-0274
500	Undosed	Blue	70x50x212	144	331-0267
500	Sodium thiosulphate (20 mg/l)	Red	70x50x212	144	331-0271
500	Sodium thiosulphate (120 mg/l)	White	70x50x212	144	331-0275

Water sampling bottles, sterile



HDPE.

- Dosage in compliance with standards: ISO 5667-3/ISO 19458
- Sodium thiosulphate in powder form
- Tamper-evident red screw cap guarantees the sterility of the bottles prior to use
- Shelf life up to 2 years

These bottles are undosed or dosed with sodium thiosulphate, which inhibits the effects of chlorine, bromine and ozone present in the water when the sample is taken. Square or rectangular bottles for more efficient storage.



Capacity (ml)	Dosage	Cap	Neck Ø ext. (mm)	Cap colour	WxDxH (mm)	Packed	Pk	Cat. No.
Square bottles, narrow neck								
500	Undosed	Tamper-evident screw cap with shaped seal	22	Red	70×70×160	Carton of 100	100	331-0063
500	Sodium thiosulphate (20 mg/l)	Tamper-evident screw cap with shaped seal	22	Red	70×70×160	Individually wrapped	100	331-3412
500	Sodium thiosulphate (20 mg/l)	Tamper-evident screw cap with shaped seal	22	Red	70×70×160	Carton of 100	100	331-3411
500	Sodium thiosulphate (20 mg/l)	Tamper-evident hinged cap with inner lip and safety ring	29	Red	70×70×148	Individually wrapped	100	331-3405
500	Sodium thiosulphate (20 mg/l)	Tamper-evident hinged cap with inner lip and safety ring	29	Red	70×70×148	Carton of 100	100	331-3403
500	Sodium thiosulphate (20 mg/l)	Screw cap with wad	37	Red	70×70×146	Carton of 100	100	331-0066
500	Sodium thiosulphate (120 mg/l)	Tamper-evident screw cap with shaped seal	22		70×70×160	Individually wrapped	100	331-0068
500	Sodium thiosulphate (120 mg/l)	Tamper-evident screw cap with shaped seal	22	Red	70×70×160	Carton of 100	100	331-3427
500	Sodium thiosulphate (120 mg/l)	Tamper-evident hinged cap with inner lip and safety ring	29	Red	70×70×160	Individually wrapped	100	331-0067
500	Sodium thiosulphate (120 mg/l)	Tamper-evident hinged cap with inner lip and safety ring	29	Red	70×70×148	Carton of 100	100	331-3426
1000	Sodium thiosulphate (20 mg/l)	Tamper-evident screw cap with shaped seal	28	Red	82×82×182	Individually wrapped	77	331-3526
1000	Sodium thiosulphate (20 mg/l)	Tamper-evident screw cap with shaped seal	28	Red	82×82×182	Carton of 77	77	331-3428
1000	Sodium thiosulphate (120 mg/l)	Tamper-evident screw cap with shaped seal	28	Red	82×82×182	Individually wrapped	77	331-0065
1000	Sodium thiosulphate (120 mg/l)	Tamper-evident screw cap with shaped seal	28	Red	82×82×182	Carton of 77	77	331-0064
Rectangular bottles, narrow neck								
250	Sodium thiosulphate (20 mg/l)	Tamper-evident screw cap with shaped seal	20	Red	60×45×155	Individually wrapped	200	331-3408
250	Sodium thiosulphate (20 mg/l)	Tamper-evident screw cap with shaped seal	20	Red	60×45×155	Carton of 312	312	331-3407
Square bottles, wide neck								
250	Sodium thiosulphate (20 mg/l)	Screw cap with wad	37	Red	57×57×109	Individually wrapped	182	331-0070
250	Sodium thiosulphate (20 mg/l)	Screw cap with wad	37	Red	57×57×109	Carton of 210	210	331-0069
500	Sodium thiosulphate (20 mg/l)	Tamper-evident screw cap with wad	55	Red	75×75×128	Carton of 140	140	331-0050
500	Sodium thiosulphate (120 mg/l)	Tamper-evident screw cap with wad	55	Red	75×75×128	Individually wrapped	162	331-0051
Rectangular bottles, wide neck								
1000	Sodium thiosulphate (20 mg/l)	Tamper-evident screw cap with wad	55	Red	92×77×187	Carton of 85	85	331-0052
1000	Sodium thiosulphate (120 mg/l)	Tamper-evident screw cap with wad	55	Red	92×77×187	Carton of 85	85	331-0053
2000	Sodium thiosulphate (20 mg/l)	Tamper-evident screw cap with wad	58	Red	110×93×237	Carton of 50	50	331-0054

Water sampling bottles

PET, virgin, food grade with PP caps.

- Irradiated - sterile
- Different coloured caps for easy identification of test
- Tamper-evident strip to ensure sampling integrity
- Full traceability, batch number and individual bottle number on each label
- Fully recyclable
- Cap diameter: 32 mm

Lightweight, durable bottles. Tamper-evident screw caps designed to shield neck from contamination. Choice of dosed and undosed bottles. Square bottles for better storage with limited space.

Blue cap: For natural, non chlorinated water without sodium thiosulphate

Red cap: For chlorinated water dosed with 20 mg/l sodium thiosulphate

Light blue cap: For chlorinated water dosed with 120 mg/l sodium thiosulphate



Capacity (ml)	Dosage	Packed	Cap colour	WxDxH (mm)	Pk	Cat. No.
500	Undosed	Bulk	Blue	70x70x192	108	331-0278
500	Sodium thiosulphate (20 mg/l)	Bulk	Red	70x70x192	108	331-0280
500	Sodium thiosulphate (120 mg/l)	Bulk	Light blue	70x70x192	108	331-0282
1000	Undosed	Bulk	Blue	89x89x222	70	331-0279
1000	Sodium thiosulphate (20 mg/l)	Bulk	Red	89x89x222	70	331-0281
1000	Sodium thiosulphate (120 mg/l)	Bulk	Light blue	89x89x222	70	331-0283

Media bottles with cap

PC, autoclavable, narrow mouth bottles with standard PP caps.

- Ideal for steam sterilisation
- Safe and shatterproof
- Chemically inert

VWR Collection media bottles are an ideal replacement for all borosilicate glass bottles. They are specifically designed for every laboratory application requiring terminal sterilisation (autoclaving), storage, transportation and production of laboratory biological fluids. These bottles are available in square and round shapes to accommodate various packaging needs.

The closure system is guaranteed leakproof and the seal ring allows convenient shrink-wrapping of the caps. Each bottle is carefully produced and quality controlled for uniform wall thickness, clarity, graduation and leakproof closure.

Optional septum cap or vented cap with PTFE membrane is also available.



VWR® Square/Octagonal Media Bottles, Polycarbonate

Description	Capacity (ml)	Thread	Pk	Cat. No.
Clear, octagonal	125	38-430	24	215-2203
Clear, octagonal	250	38-430	24	215-2204
Clear, octagonal	500	38-430	12	215-2205
Clear, octagonal	1000	38-430	12	215-2206
Clear, round	300	38-430	96	215-2924
Clear, round	500	38-430	12	215-2210
Clear, round	1000	38-430	12	215-2211

Description	Pk	Cat. No.
Accessories		
Standard cap, blue, 38 - 430	96	215-2207
Septum cap, blue, 38 - 430	96	215-2212

Transport swabs with medium



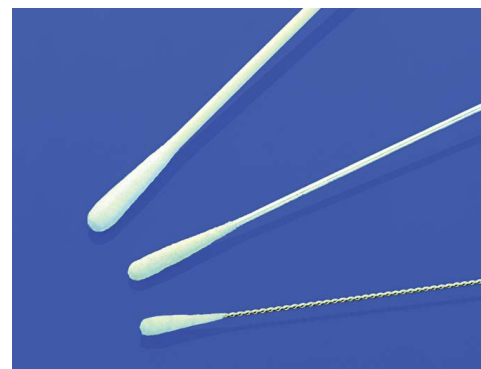
Collection and transport swabs for bacterial specimens with applicators and transport media.

- Bacteria will survive for 24 to 48 hours on the applicator and in the tube
- Tamper-proof seal, which turns white when open
- Medium risk for transient or short-term use

Suitable for surgical-invasive, short-term applications.

Class IIa.

Individually wrapped aluminium pouches under nitrogen ensuring longer shelf life.



Description	Cap colour	Transport medium	Pk	Cat. No.
Swabs for throat, vaginal, wound and skin use	White	Stuart liquid	50	710-0441
Swabs for throat, vaginal, wound and skin use	White	Amies liquid	50	710-0438
Swabs for throat, vaginal, wound and skin use	Blue	Amies gel	50	710-0432
Swabs for throat, wound and urogenital use	Black	Amies gel with charcoal	50	710-0434
Swabs with mini tip for male urethral use	Orange	Amies liquid	50	710-0439
Swabs for nasopharyngeal use	Blue	Amies liquid	50	710-0440
Swabs with mini tip for male urethral use	Orange	Amies gel	50	710-0433
Swabs with mini tip for nasopharyngeal use	Blue	Amies gel	50	710-0436
Swabs for male urethral use	Orange	Amies gel with charcoal	50	710-0435
Swabs for nasopharyngeal use	Blue	Amies gel with charcoal	50	710-0437

Microbiology manifold

This microbiology manifold, with modular design, allows you to optimise testing without sacrificing cleanliness.

- Can be customised to fit workflow, test area and autoclave
- Slip-fit adapters enable the use of any Pall microbiology device on the same manifold
- Right- or left-handed operation

With a 3-place manifold and a coupling device, an additional manifold can be added to make a 6-place manifold. A preventative maintenance schedule can be designed without delays to critical testing.

Adapters are required and need to be ordered separately.

MicroFunnel™ adapter: Ideal for MicroFunnel™, MicroFunnel™ ST, MicroFunnel™ Plus and MicroCheck® devices.

Sentino® funnel adapter: Ideal for Sentino® filter funnels.

Standard adapter: Ideal for Sentino® magnetic filter funnels.

Elongated standard adapter: Ideal for magnetic filter funnels.

The microbiology manifold is supplied as a set and comes with 3-place manifold base, 3 manifold valves, 1 end cap and 1 hose barb cap. Different adapters and coupling devices are available. Adapters are required and need to be ordered separately.



Description	Pk	Cat. No.
3-place manifold base	1	516-1038

Description	Pk	Cat. No.
Accessories		
O-ring kit	1	516-1037
MicroFunnel™ adapter	3	516-1039
Sentino® funnel adapter	3	516-1040
Standard adapter	3	516-1041
Coupler for manifold	1	516-1042
Manifold valves	1	516-1043
Elongated standard adapter	3	516-1044

Microbiology pump system, Sentino®

The Sentino® pump system is ideal for microbiological MF technique using Pall MicroFunnel™ filtration units. Designed to use peristaltic action to draw the sample through the filter and send filtrate directly to drain or waste collection. The housing is a PC ABS-blended polymer, the keypad and label PE, the pump head PEI with PTFE-filled PBT rollers. The fluid path adapter is PP.

- Safety: The system eliminates the need for a fluid trap under vacuum, preventing implosion accidents
- The disposable design also eliminates the need to clean and autoclave manifold set-up, saving valuable time
- Easy to clean: Shape of unit and construction materials are easy to wipe down with standard laboratory disinfectants
- EasySoft touch keypad has simple on/off function and pulse features to control filtration, no complicated programming

The peristaltic flow design pulls sample through the filter and fluid path eliminating the need for a vacuum source. It also ensures the fluid flows in one direction without the potential for back-up and contamination of analysis. Operating parameters are pre-set and fixed to best satisfy published requirements for MF technique in US EPA, ISO and ASTM methods; thereby eliminating the need for extensive validations. Fixed conditions also prevent changes to filtration parameters that may adversely affect colony recoveries and integrity of results.

The Sentino® microbiology pump system contains a pump, disposable fluid path, power transformer (compatible with 120 or 240 V), a power cord with IEC-320 connection and European Shuko plug, a power cord with IEC-320 connection and UK BS1363 plug, plus a user guide CD.

Replacement disposable fluid paths (516-0417 – 10/pk) must be ordered separately.



Description	WxDxH (mm)	Weight (kg)	Pk	Cat. No.
Microbiology pump system, Sentino®	95x136x104	0,680	1	516-0952

Membrane filter dispenser, Sentino®

Filter dispensers are ideal for high throughput microbiology testing laboratories looking for more ergonomic, faster ways to handle individual membranes. The Sentino® filter dispenser is designed to aseptically dispense one disc of membrane at the touch of a button.

- Easy to load without jamming. Guide plates assist loading and keep refill web in alignment during use
- Soft touch keypad for aseptically dispensing membrane discs
- Designed to hold 200 membrane discs
- Compact, portable design with miniaturised refill pack
- Use plugged into main power source or charge battery for use anywhere. Lights indicate when battery charge is running low
- Easy to clean

The Sentino® filter dispenser can be used for: Drinking and wastewater analysis, environmental and recreational water monitoring, personal care product manufacturing, beverage monitoring, pharmaceutical and industrial water system monitoring, pharmaceutical raw materials, intermediates and final product.

Supplied with power transformer, EU-plug, UK-plug and user guide CD.



Description	Pk	Cat. No.
Membrane filter dispenser, Sentino®, EU-/UK-plug	1	516-0665

Dispenser pack refills for membrane filter dispenser, Sentino®

These membranes have been designed specifically for use with the Sentino® automatic filter dispenser.

- Ideal for high volume laboratories
- Eliminate the time and waste of individually sealed packs of membrane

Each box contains two additional discs for loading the dispenser.

Type	Supor®	GN-6 Metrical®	Metrical® Black
Pore size	0,2 µm	0,45 µm	0,8 µm
Thickness	145 µm	152 µm	117 µm
Water flow rate	≥19,3 ml/min/cm² (0,7 bar)	≥65,0 ml/min/cm² (0,7 bar)	≥34,5 ml/min/cm² (0,7 bar)

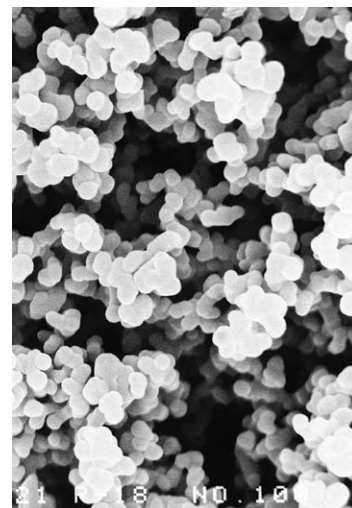


Type	Pore size (µm)	Pk	Cat. No.
Supor®	0,2	1.000	514-0629
GN-6 Metrical®	0,45	1.000	514-0628
Metrical® Black	0,45	1.000	514-0630
Metrical® Black	0,8	1.000	514-0631

Membrane disc filters, Supor® PES

Hydrophilic PES Supor® membrane for reduced filtration time, optimised for biological, pharmaceutical and sterilising filtration requirements.

- Low protein binding and extensive drug compatibility for critical applications
- Superior flow rates and high throughputs



Type	Pore size	Thickness	Water flow rate	Max. temperature (°C)
Supor®	0,2 µm	145 µm	26 ml/min/cm² (0,7 bar)	100

Type	Pore size (µm)	Ø (mm)	Pk	Cat. No.
Supor® 200, grid, individual sterile pack (S-Pack)	0,2	47	200	514-4201



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Balances - Portable balances - Analytical balances - Precision balances - Moisture balances - Calibration weights - Weighing tables - Weighing papers - Weighing boats

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Filter funnels, MicroFunnel™



Ready to use disposable filter funnels with 47 mm diameter filtration membrane for microbiological analysis. Eliminates the cleaning and sterilisation required with reusable funnels. Membrane easily removed for culturing on agar or broth medium.

Filtration area: 13,46 cm²

Ø×H:

100 ml: 61×76 mm with cover

300 ml: 88×91 mm with cover

Membranes:

GN-6 Metrical®: Mixed cellulose esters, white

Supor®: Polyethersulfone, white

Metrical® Black: Modified polyethersulfone, black

* with Petri dish lid kit



Capacity (ml)	Description	Membrane	Packed	Pore size (µm)	Pk	Cat. No.
100	MicroFunnel™ SP	GN-6 Metrical®, gridded	Sterile, individually bagged	0,45	50	516-8958
100	MicroFunnel™	GN-6 Metrical®, gridded	Sterile, individually bagged	0,45	200	515-0050
100	MicroFunnel™ LP*	GN-6 Metrical®, gridded *	Sterile, individually bagged	0,45	50	516-8965
100	MicroFunnel™ NB	GN-6 Metrical®, gridded	Sterile, per 50 bagged	0,45	50	515-0048
100	MicroFunnel™ SP	Supor® 200, gridded	Sterile, individually bagged	0,2	50	516-8960
100	MicroFunnel™ SNG	Supor® 200	Sterile, individually bagged	0,2	50	516-8963
100	MicroFunnel™ SP	Supor®	Sterile, individually bagged	0,45	50	516-0427
100	MicroFunnel™ YMB	Metrical® Black, gridded	Sterile, individually bagged	0,45	50	516-8962
300	MicroFunnel™ 300	GN-6 Metrical®, gridded	Sterile, individually bagged	0,45	20	516-8966
300	MicroFunnel™ 300 SP	Supor®, gridded	Sterile, individually bagged	0,2	20	516-8969
300	MicroFunnel™	Supor®, gridded	Sterile, individually bagged	0,45	20	515-0158

Filter funnels, MicroFunnel™ Plus



Product includes sample container and filter funnel all-in-one. No need to transfer sample from cup to disposable funnel and risk introducing contamination. Vented lid snaps on to the funnel to give a liquid-tight seal which allows filtration without having to open the funnel.

Filtration area: 13,46 cm²

Max. temperature:

GN-6 Metrical® and Metrical® Black: ambient;

Supor®: 90 °C

Ø×H:

100 ml: 61×76 mm with cover

300 ml: 87×89 mm with cover

Membranes:

GN-6 Metrical®: Mixed cellulose esters, white

Supor®: Hydrophilic polyethersulfone, white

Metrical® Black: Modified polyethersulfone, black

Sterile, individually bagged.



Funnel holder

Capacity (ml)	Description	Membrane	Pore size (µm)	Pk	Cat. No.
100	MicroFunnel™ Plus	GN-6 Metrical®, gridded	0,45	50	516-8964
100	MicroFunnel™ Plus	Metrical Black, gridded	0,45	50	516-9890
100	MicroFunnel™ Plus	Supor®, gridded	0,2	50	516-9891
100	MicroFunnel™ Plus	Supor®, gridded	0,45	50	515-0055
100	MicroFunnel™ Plus	Supor®, gridded (Plus AP)	0,45	50	515-0157
300	MicroFunnel™ Plus	Supor®, gridded	0,2	20	515-0051
300	MicroFunnel™ Plus	Supor®, gridded	0,45	20	515-0052
300	MicroFunnel™ Plus	GN-6 Metrical®, gridded	0,45	20	516-9337

Disposable filter funnels, MicroFunnel™ ST

Convenient and economical choice for sterility testing within isolators.
Ideal for quality control analysis of aqueous fluids used in pharmaceutical production and for testing microbial contamination.

Filtration area: 13,46 cm²

Max. temperature:

GN-6 Metricel®: Ambient

Supor®: 90 °C

Ø×H:

100 ml: 61×76 mm with cover

300 ml: 87×89 mm with cover

Membranes:

GN-6 Metricel®: Mixed cellulose esters, white

Supor®: Hydrophilic polyethersulphone, white

Capacity (ml)	Membrane	Packed	Pore size (µm)	Pk	Cat. No.
100	Supor®	Double-bagged: 4 overpacks with 10 individual bagged funnels in each	0,45	40	516-9094
300	Supor®	Double-bagged: 4 overpacks with 5 individual bagged funnels in each	0,45	20	516-9095
100	GN-6 Metricel®, gridded	Double-bagged: 4 overpacks with 10 individual bagged funnels in each	0,45	40	516-9096
300	GN-6 Metricel®, gridded	Double-bagged: 4 overpacks with 5 individual bagged funnels in each	0,45	20	516-9097
300	Supor®	Double-bagged: 4 overpacks with 10 individual bagged funnels in each	0,2	20	515-0181



Microcheck® II beverage monitors

Membrane: GN Metricel® (mixed cellulose esters), Metricel® Black (modified polyethersulfone), sterile.

Squeeze to separate funnel from base

Can convert to a Petri dish for culturing

Ready to use directly on a filter manifold without adapters

Gamma irradiated

Applications include finished product testing of beverages for microbial contamination prior to release, monitoring process conditions for bioburden levels, evaluation of raw materials such as syrups, flavourings, water, and other liquid additives for microbial content.

External graduation marks according to standard methods for the analysis of water and wastewater.

Capacity (ml)	Membrane	Pore size (µm)	Pk	Cat. No.
100	GN-6 Metricel®, white, with grid	0,45	50	516-0201
100	GN-4 Metricel®, white, with grid	0,8	50	516-0202
100	Metricel® Black, with grid	0,45	50	516-0203
100	Metricel® Black, with grid	0,8	50	516-0204



Membrane filter funnels, magnetic, Sentino®

Polyphenylsulfone, autoclavable.

- Accepts 47 mm membrane filters
- Leakproof magnetic seal allows one-handed operation
- Graduated at 50 ml increments for accurate sample measurement

Designed for use with the Sentino® microbiology pump.

Effective filtration area: 150 and 300 ml: 9,6 cm²; 500 ml: 13,1 cm²

Overall Ø×H: 150 ml: 76×118 mm; 300 ml: 76×168 mm; 500 ml: 89×166 mm



Capacity (ml)	Description	For filter Ø (mm)	Pk	Cat. No.
150	Sentino® funnel	47	1	516-0437
300	Sentino® funnel	47	1	516-0438
500	Sentino® funnel	47	1	516-0439

Filter funnels, Sentino®

The Sentino® filter funnel and adapter are designed with a press-fit seal, membrane guides and forceps access point allowing for simple set-up and membrane removal. This will speed up the process time in the laboratory. The Sentino® filter funnel and Pall membranes reduces the risk of a contamination event as compared to reusable funnels. The filter funnels are pre-sterilised via gamma sterilisation eliminating the need for autoclaving or any other cleaning/sanitising techniques. This will save time and money by eliminating the need to investigate contamination events resulting from the reusable devices. Membrane filtration is the method of choice for microbial monitoring of aqueous solutions as specified in «Standard Methods for the Examination of Water and Wastewater» and Pharmacopoeias worldwide. The funnels are marked in three increments (20 ml, 50 ml and 100 ml) and are marked in four increments (50 ml, 100 ml, 200 ml and 250 ml) for higher visibility.

- Easy placement
- Risk reduction
- Regulatory compliance
- Allows easy and accurate sample measurement
- Available in 100 and 250 ml capacity to accommodate a variety of sample sizes
- Inert polypropylene construction to preserve the integrity of the sample
- Base adapts for use with Sentino® microbiology pump or standard manifold

Easy to use, disposable funnels for microbiological monitoring of aqueous solutions.

Accessories are required and sold separately for use with Sentino® filter funnels. They are supplied non sterile.



Capacity (ml)	Pk	Cat. No.
100	100	516-0666
250	80	516-0667

Membrane filter funnels, magnetic

Polyphenylsulfone, autoclavable

- Leakproof magnetic seal allows one-handed operation
- Compatible with anti-foaming agents and many other solvents

For membrane filtration techniques for water testing

Effective filtration area: 150 and 300 ml: 9,6 cm²; 500 ml: 13,1 cm²

Overall Ø×H: 150 ml: 76×178 mm; 300 ml: 76×229 mm; 500 ml: 89×196 mm

* with lid



Capacity (ml)	For filter Ø (mm)	Pk	Cat. No.
500	47	1	516-7590
300*	47	1	516-7593
300	47	1	516-7594
150	47	1	516-7597

Membrane disc filters, GN-6 Metricel® MCE



Certified hydrophilic mixed cellulose esters membrane for microbiological analysis meets or surpasses regulatory specifications.

- Unique dot grid pattern gridline provides guidance for quantification of bacterial colonies without growth inhibition or enhancement
- Suitable for microbiological analysis using the Membrane Filter (MF) technique. Each box contains signed certification
- Use with Pall nutrient media for high growth levels and easy identification of contaminants



Mixed cellulose esters are the most accepted filter media for microbiological analysis, and provide maximum organism recovery.

Applications: Ideal for isolation and enumeration of total and faecal coliforms, E. coli, faecal Streptococcus, fungi, and other heterotrophic organisms.

Certified for the microbiological analysis of potable, waste, process, and natural waters in accordance with the MF technique referenced in Standard Methods for the Examination of Water and Wastewater, 20th edition, and the U.S. EPA's Microbiological Methods for Monitoring the Environment, 600/8-78-017.

Pore size	0,45 µm
Thickness	152 µm
Water flow rate	>65 ml/min/cm ² (0,7 bar)
Max. temperature (°C)	74
Weight	4 mg/cm ²

Type	Pore size (µm)	Ø (mm)	Pk	Cat. No.
GN-6, grid	0,45	25	100	514-4181
GN-6, plain	0,45	25	100	514-4178
GN-6, plain, with support pads	0,45	37	100	514-4182
GN-6, grid	0,45	47	100	514-4175
GN-6, grid, individual sterile pack (S-Pack)	0,45	47	200	514-4202
GN-6, grid, individual sterile pack (S-Pack)	0,45	47	1.000	514-4185
GN-6, grid, individual sterile pack (S-Pack)	0,45	47	2.000	514-4193
GN-6, plain	0,45	47	100	514-4179
GN-6, plain, individual sterile pack (S-Pack)	0,45	47	200	516-7888
GN-6, grid, individual sterile pack (S-Pack)	0,45	50	200	516-7927
GN-6, grid, not individually packed (S-Pack)	0,45	85	50	516-7728

Membrane disc filters, GN-4 Metricel® MCE

Hydrophilic mixed cellulose esters GN-4 Metricel® membrane for air monitoring applications. Dissolves completely using standard digestion procedures and meets NIOSH requirements for airborne metals and asbestos monitoring.

- Cleans completely, possesses low artifacts, and offers minimal interference in fibre counting



Type	Pore size	Thickness	Water flow rate	Airflow rate	Max. temperature (°C)	Weight
GN-4 Metricel®	0,8 µm	152 µm	129 ml/min/cm ² (0,7 bar)	55 l/min/3,7 cm ² (0,9 bar)	74	4 mg/cm ²

Type	Pore size (µm)	Ø (mm)	Pk	Cat. No.
GN-4 Metricel®, plain, with support pads	0,8	25	100	514-0462
GN-4 Metricel®, grid, packed in 4 cavities	0,8	25	100	516-9017
GN-4 Metricel®, plain, with support pads	0,8	37	100	514-0463
GN-4 Metricel®, plain	0,8	47	100	514-0464
GN-4 Metricel®, grid	0,8	47	100	514-4192

Membrane disc filters, Metricel® Black PES

Contrasting hydrophilic modified black PES membrane for microbiological analysis.

- Dark background provides excellent contrast for counting opaque colonies in microbiology labs
- Exclusive dot grid pattern does not enhance or inhibit colony growth
- Sharp contrast between black membrane and white grid line provides guidance while viewing and counting

Applications: Isolation and enumeration of yeast and mould colonies, spoilage organism monitoring and identification in food and beverage quality control laboratories.

Certified for use in the Membrane Filter (MF) Technique as described in Standard Methods for the Examination of Water and Wastewater, current edition.

Pore size	0,8 µm	0,45 µm
Thickness	147 µm	130 µm
Water flow rate	>102 ml/min/cm ² (0,7 bar)	>34 ml/min/cm ² (0,7 bar)

Type	Pore size (µm)	Ø (mm)	Pk	Cat. No.
Black, white grid	0,8	47	100	514-4226
Black, white grid, individual sterile pack (S-Pack)	0,8	47	200	514-4225
Black, white grid	0,45	47	100	514-4224
Black, white grid, individual sterile pack (S-Pack)	0,45	47	200	514-4223



Forceps for membrane filters

Stainless steel. Complete with PP finger grips and flat, wide tips. Ideal for handling membrane filters and other filter discs.

- Corrosion resistant
- Very good thermal resistance, autoclavable



Description	Pk	Cat. No.
Membrane filter forceps set, with coloured PP finger grips (1 each of orange, blue and chartreuse)	3	232-0142
Membrane filter forceps with black PP finger grip	1	514-4149

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- Sample protection and monitoring
- Sample transportation
- Useful accessories



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Laboratory blender, Star-Blender® Digital



Sample volumes from 80 to 400 ml.

- Digital display to for easy setting of speed and time
- Two reciprocating paddles
- Polished AISI 304 stainless steel external and internal surfaces
- Window in front door for observation of bagged samples during homogenisation
- Tilting closure with removable front door to make operation and cleaning easier

Microbiological and pathogenic samples can be treated without risk to the operator or environment, by blending solid and semi-solid samples in sealed bags, eliminating bioaerosol production.

Model	Star-Blender® Digital
Motor speed (min ⁻¹)	180 - 320
Timer	Up to 10 h, or continuous
Power (W)	180
WxDxH (mm)	250x410x220
Weight (kg)	15

Description	Pk	Cat. No.
Star-Blender® Digital, UK-plug	1 SET	710-1045
Star-Blender® Digital, EU-plug	1	710-0958

Description	Pk	Cat. No.
Reinforced round bag		
Reinforced round bag	1.000	129-0491
Accessories		
Automatic straw pipette SP100 for 1:10 dilutions, autoclavable	1	710-1021
Bag holder for 10x400 ml bags	1	710-0634
Plain bags	500	129-1102
Straw pipettes	1.000	612-1675
Plain bags	500	129-1103
Bags with lateral non woven filter	500	129-1104
Bags with lateral non woven filter	500	129-1105
Bags with full page micro perforated filter	500	129-1106

Laboratory blender, LB 400



Compact and easy to use blender, for sample volumes of 50 to 400 ml, efficiently blends solid or liquid samples in any sterile bags (plain or filter bags).

- Optimum extraction of microorganisms
- Samples are prepared quickly, ready for analysis, eliminating difficult cleaning steps
- Stainless steel door opens fully, allowing stainless steel blending chamber to be cleaned easily
- Safe and hygienic - minimum risk of infection, no risk of cross-contamination
- Lifetime resistant shock absorbers

Model	LB 400	LB 400 W
Paddle speed (min ⁻¹)	240, fixed speed: 8 strokes/s	
Timer	30, 60, 90, 120, 150, 180, 210 s or continuous operation	
Max./min. temperature (°C)	40/5	
Power (W)	Max. 300	
WxDxH (mm)	390x260x280	
Weight (kg)	15	

Description	Pk	Cat. No.
LB 400 lab blender	1	710-0632
LB 400 W lab blender with glass window in the door	1	710-0922

Description	Pk	Cat. No.
Accessories		
Automatic straw pipette SP100 for 1:10 dilutions, autoclavable	1	710-1021
Drip tray for lab blender LB 400	1	710-0633
Bag holder for 10x400 ml bags	1	710-0634
Straw pipettes	1.000	612-1675
Plain bags	500	129-1102
Plain bags	500	129-1103
Bags with lateral non woven filter	500	129-1104
Bags with lateral non woven filter	500	129-1105
Bags with full page micro perforated filter	500	129-1106

High performance blender bags

Complete range of bags, sterile and alimentary certified, for safe and quick preparation of solid samples before microbiological and chemical analysis. Bags are resistant for 3 minutes blending (frequency 4 t/second). They fit to all conventional 400 ml lab blenders and are adapted to all samples.

- Can resist to high temperature from -40 to +80 °C
- Can be frozen
- Gamma irradiated: No risk of cross-contamination (the red sticker on every box serves as a qualitative indicator of gamma ray processing)
- Colour-change label when sterile: Red colour, for easy sterilisation identification
- Approved for food contact

Plain blender bag: Sterile, flexible and transparent bag compatible with any lab blender. High quality of raw material: Pure natural polyolefin (polyethylene).

Bag with lateral filter: Non woven filter with porosity <250 µm in a reinforced multi-coated complex which is ideal for homogenising fibrous samples.

Bag with full page filter: Calibrated micro perforated filter with 280 µm porosity which is ideal for homogenising pasty samples.

In compliance with ISO 7218 / 6887- 1 / FDA - BAM.

Sterilisation in compliance with the GMP of quality assurance and current legislation, we attest that treatment by gamma rays has been made.

Description	Capacity (ml)	W×L (mm)	Packed	Pk	Cat. No.
Plain bags	400	175×300	20 bags of 25	500	129-1102
Plain bags	400	175×300	10 bags of 50	500	129-1103
Bags with lateral non woven filter	400	190×300	20 bags of 25	500	129-1104
Bags with lateral non woven filter	400	190×300	10 bags of 50	500	129-1105
Bags with full page micro perforated filter	400	190×300	10 bags of 50	500	129-1106

Description	Pk	Cat. No.
Openers for Stomacher® bags		
Stomacher® 400 bag clips	200	432-3116



Blender bags

Wide choice of PE sterile bags from 80 to 3500 ml capacity. Fit all conventional lab blenders, adapted to all samples.

- Bags with filters are mainly dedicated to fibrous samples
- Bags with full filter for pasty samples
- Plain bags for standard uses
- No risk of cross-contamination

Absence of heavy material: Raw material is compliant with the EC/94/62 directive
Food contact: Raw material is compliant with regulation EC No. 1935/2004
Based on ISO 11137: Sterilisation of healthcare products SAL10⁻³



Description	Capacity (ml)	W×L (mm)	Packed	Pk	Cat. No.
Plain bags	80	105×150	60 bags of 25	1.500	129-0732
Plain bags	400	300×190	20 bags of 25	500	129-0728
Plain bags	400	300×190	10 bags of 50	500	129-0729
Plain bags	3500	380×510	20 bags of 25	500	129-0731
Bags with lateral filter	400	300×190	10 bags of 50	500	129-0733
Bags with lateral filter	400	300×190	60 bags of 25	1.500	129-0730
Bags with full page filter	400	300×190	10 bags of 50	500	129-0734

Automatic straw pipette, fixed volume, SP100



Air displacement pipette with two pre-calibrated steps allows subsequent pipetting of 1 and 0,1 ml of the same liquid. Ideal alternative to graduated glass pipettes when performing serial 1:10 dilutions in bacteriology.

- Smooth activation, excellent ergonomics, easy maintenance, cleaning and disinfection
- Two pre-calibrated fixed volumes – no setting required
- Both volumes calibrated independently
- Interchangeable PE nozzle protection filter
- Justip™ system for tip ejector height adjustment
- Autoclavable



Description	Capacity (ml)	Accuracy (%)	Imprecision (%)	Pk	Cat. No.
Automatic straw pipette SP100 for 1:10 dilutions, autoclavable	0,1 / 1	±2,0 / ±0,5	<2,5 / <0,4	1	710-1021

Description	Capacity (ml)	Packed	Pk	Cat. No.
Accessories				
Straw pipettes	1	25 per bag	1.000	612-1675

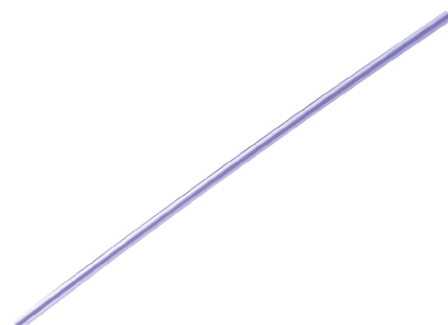
Straw pipettes



Straw pipettes made from PP, irradiated, disposable, sterile, without graduation.

- Traceability including the expiry date on the secondary packaging
- Zip bag can be pressed closed ensuring product protection
- Tamper-evident seal guarantees the sterility of the product

Description	Capacity (ml)	Packed	Pk	Cat. No.
Straw pipettes	1	25 per bag	1.000	612-1675



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Media bottles with cap

PS, PC or PETG, with PP screw cap, sterile.

- Sloped design improves bottle stability when placed on a work surface
- Narrow bottle shoulder, combined with moulded finger grips, improves the ability to securely grip the bottle with gloved hands
- Easy Grasp bottle cap facilitates uncapping, tightening and bottle stacking, as well as providing a convenient gripping surface while transporting

VWR Collection disposable, round, Easy Grasp media bottles have been designed for storage of sterile solutions, such as tissue culture media, serum and buffers. These bottles are available in three low extractable plastics: Polycarbonate which can withstand up to three autoclave cycles and offer good alcohol resistance; polystyrene for general purpose cell culture aqueous solutions; and PETG for most general laboratory solution storage.

Manufactured with Class VI materials in a ISO 13485 facility.



391-0315



391-0322

Capacity (ml)	Pk	Cat. No.
PS bottles with PP cap, sterile		
250	24	391-0283
500	24	391-0284
1000	24	391-0286
PC bottles with PP cap, sterile		
250	24	391-0297
500	24	391-0298
1000	24	391-0299
PETG bottles with PP cap, sterile		
250	24	391-0294
500	24	391-0295
1000	24	391-0296

Capacity (ml)	Pk	Cat. No.
PS bottles with PP cap, non sterile		
250	24	391-0317
1000	24	391-0319
PC bottles with PP cap, non sterile		
250	24	391-0321
500	24	391-0322
1000	24	391-0323
PETG bottles with PP cap, non sterile		
250	24	391-0314
500	24	391-0315
1000	24	391-0316



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Culture tubes with black PP screw cap

Made from soda-lime glass, clear.

- GL thread
- Wall thickness 1 mm ($\pm 0,04$ mm)
- High chemical and mechanical resistance

ØxL (mm)	Thread	Pk	Cat. No.
12x100	GL 14	100	212-0656
16x100	GL 18	100	212-0657
16x160	GL 18	100	212-0658
18x180	GL 18	100	212-0659



Petri dishes, PS

PS. All dishes are manufactured under strict aseptic conditions using on-line production and packaging (Class 100). Sterile dishes are gamma-irradiated (10 kGy) with proof of sterility and batch number displayed on the box.

- Stable stacking
- Perfectly flat and retain shape up to 55 °C
- Excellent optical quality: Total transparency
- Stringent quality control procedures
- Compliant with automatic plate pourers

Certificates available upon request.



391-0556

Version	Ø (mm)	Height (mm)	Sterile	Pk	Cat. No.
With 6 vents	55	14		1.620	391-0865
With 6 vents	55	14	+	1.620	391-0895
Without vents	55	14		1.620	391-0866
Without vents	55	14	+	1.620	391-0868
With 3 vents	90	14		825	391-0439
With 3 vents	90	14	+	825	391-0455
With 3 vents, double-outer bag	90	14		825	391-0891
With 3 vents, double-outer bag	90	14	+	825	391-0892
Without vents	90	14		825	391-0441
With 3 vents	90	14		480	391-0556
Without vents	90	14		480	391-0559
Without vents	90	14	+	480	391-0560
Without vents	90	14	+	825	391-0453
Without vents, double-outer bag	90	14,2	-	480	391-0561
Without vents, double-outer bag	90	14	+	480	391-0562
Without vents, double-outer bag	90	14	+	825	391-0894
With 3 vents	90	16		480	391-0468
Without vents	90	16		480	391-0467
With 3 vents	90	16	+	480	391-0469
With 3 vents, 2 compartments	90	16		480	391-0492
High, with 3 vents	90	16		700	391-0440
High, with 3 vents	90	16	+	700	391-0459
High, with 1 vent	90	16		700	391-0443
High, with 1 vent	90	16	+	700	391-0458
High, without vents	90	16		700	391-0442
High, without vents	90	16	+	700	391-0457
With 3 vents	140	21		176	391-1500
With 3 vents	140	21	+	176	391-1502
Without vents	140	21		176	391-1501
Without vents	140	21	+	176	391-1503

Petri dishes, glass

VWR® Petri dishes are made from borosilicate 3.3 glass and can therefore be sterilised and/or used for applications that require heat. The reusable glass Petri dishes are a green alternative to Petri dishes made from plastic, especially for smaller laboratories.

Version	Ø (mm)	Height (mm)	Pk	Cat. No.
Without vents	60	20	10	391-0576
Without vents	80	20	10	391-0577
Without vents	100	15	10	391-0578
Without vents	100	20	10	391-0579
Without vents	120	20	5	391-0580
Without vents	150	25	2	391-0581



Petri Dish 60x20 mm

Inoculating loops and needles, disposable



PS, sterile. Calibrated, disposable inoculating loops made from flexible or rigid plastic that cater for microbiologist's different applications and methods.

- Colour coded for easy product identification
- Conveniently packed in anti-roll tubes with push-on resealable cap
- Fast, easy and secure access to the loops, without the need for a separate holder
- Loops have an ultra-smooth surface for easy streaking and length of 210 mm

Calibration certificate supplied with every pack.



Description	Capacity (µl)	Colour	Packed	Pk	Cat. No.
Loops, rigid	1	Dark green	50	1.000	612-2494
Loops, rigid	10	Dark blue	50	1.000	612-2496
Loops, flexible	1	Light green	50	1.000	612-2497
Loops, flexible	10	Light blue	50	1.000	612-2498
Needles, Ø 1,45 mm	-	Purple	50	1.000	612-2495

Inoculating loops and needles, disposable



PS, sterile.

- Colour coded for easy product identification
- Hexagonal loop shaft improves grip, assisting orientation and making diluting and streaking easier
- Gamma sterilised

The resealable pouch allows loops to be easily accessed any number of times, then re-closed to maintain product integrity. The loops and needles are positioned upside down in the pouch in order to reduce any risk of contamination. Optional pack holder facilitates easy access using one hand, leaving the other hand free to hold a culture plate or tube.

Supplied with a calibration certificate in each box.

40 loops/pouch (25 pouches per pack)



Description	Capacity (µl)	Colour	Packed	Pk	Cat. No.
Loops, rigid	1	Dark green	40	1.000	612-9360
Loops, rigid	10	Dark blue	40	1.000	612-9359
Loops, flexible	1	Light green	40	1.000	612-9361
Loops, flexible	10	Light blue	40	1.000	612-9362
Needles, Ø 1,45 mm, length 20 cm	-	Violet	40	1.000	612-9366

Description	Colour	Pk	Cat. No.
Accessories			
Holder for loops in resealable packs	Transparent	1	612-9365

Inoculating loops, disposable



PS, sterile. These loops ensure consistent wetting and complete liquid transfer. Available rigid or flexible and have smooth edges to avoid gouging the surface of the media.

- Gamma sterilised
- Colour coded
- Hexagonal shaft for easy handling

Supplied with a calibration certificate in each box.



Description	Capacity (µl)	Colour	Packed	Pk	Cat. No.
Loops, rigid	1	Dark green	10/bag	500	612-9351
Loops, rigid	1	Dark green	20/bag	1.000	612-9352
Loops, rigid	10	Dark blue	10/bag	500	612-9353
Loops, rigid	10	Dark blue	20/bag	1.000	612-9354
Loops, flexible	1	Light green	10/bag	500	612-9355
Loops, flexible	1	Light green	20/bag	1.000	612-9356
Loops, flexible	10	Light blue	10/bag	500	612-9357
Loops, flexible	10	Light blue	20/bag	1.000	612-9358

Inoculating needles, disposable



PS, sterile. Disposable plastic inoculating needles.

Resealable pouches.

Description	Colour	Ø (mm)	Length (mm)	Pk	Cat. No.
Mini inoculating needles	Blue	1,15	150	500	612-2654
Inoculating needles	Violet	1,45	200	1.000	612-2655



Spreaders, L-shaped, disposable



PS, sterile. The foot of the spreader has a completely smooth, rounded surface, free of rough edges and imperfections. It enables even spreading of liquid samples across the surface of agar plates without gouging or cutting the medium.

- Surface treated to enhance adhesion of droplets
- Non toxic
- Gamma irradiated

Dimensions: Total length 145 mm (±1 mm); spreader length 38 mm (±0,5 mm)

Description	Colour	Packed	Pk	Cat. No.
Spreaders, L-shaped	Blue	Individually packed	500	612-1560
Spreaders, L-shaped	Blue	5/bag	1.000	612-1561



Spreaders, L-shaped, Standard Line



These PS, sterile, disposable L-shaped spreaders enable even spreading of liquid samples across the surface of agar plates without gouging or cutting the medium.

- Smooth spreading surface
- Spreaders are pre-sterilised, eliminating the need for flaming or autoclaving
- Available individually packed or bulk packed (5 pieces per bag)



Description	Colour	Packed	Pk	Cat. No.
Spreaders, L-shaped	White	Individually wrapped	500	612-5496
Spreaders, L-shaped	White	5/bag	2.000	612-5497

Spreaders, T-shaped, Standard Line



These PS, sterile, disposable T-shaped spreaders are designed for spreading and dispersing liquids across the surface of agar culture plates. Their design ensures that even pressure is applied across the entire length of the T-bar in contact with the agar surface.

- Smooth spreading surface
- Pre-sterilised, eliminating the need for flaming or autoclaving
- Available individually packed or bulk packed (5 pieces per bag)



Description	Colour	Packed	Pk	Cat. No.
Spreaders, T-shaped	Blue	Individually wrapped	500	612-5498
Spreaders, T-shaped	Blue	5/bag	2.000	612-5499

Spreaders, T-shaped



PS, sterile. Designed for spreading and dispersing liquids across the surface of agar culture plates. Used for performing bacterial (for example, CFU) plate counts on water, milk and other liquid samples.

- Smooth, rounded surfaces to prevent cutting or gouging of agar
- T-shaped to ensure even pressure is applied while spreading



Description	Colour	Packed	Pk	Cat. No.
T-shaped spreader	Blue	1/peel pouch	500	612-2651
T-shaped spreader	Blue	5/peel pouch	1.000	612-2652
T-shaped spreader	Blue	10/peel pouch	1.000	612-2653

designed for
every day use



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Colony counter, STC 100



The STC 100 is designed for the rapid and accurate counting of bacterial colonies.

- Multifunctional graphic display shows the number of colonies, average, time and date
- Audible and visible confirmation of each count
- Values can be saved on a memory card (optional)

There is a choice between single mode (count on one Petri dish) and multiple mode (count up to 20 dishes and the average continuously calculated and displayed). The instrument has a pressure-sensitive dish holder so it can be used with any kind of marker pen or probe. An optional external counting marker can also be connected. With the communication package, count values can be stored with date and time. Additionally, there is the possibility to add sample IDs or barcodes (optional reader) to the count value.

Supplied with a magnifying glass, standard marker, Wolffhügel grid, adapter for 90 mm Petri dishes and cable with universal plug.



Count	0 – 999
Dish size	90 mm
Illumination	LED back and side
WxDxH	260x330x110 mm

Description	Pk	Cat. No.
Colony counter	1	710-0710
Printer for colony counter	1	710-0711
Cable for printer	1	710-0712

Description	Pk	Cat. No.
Accessories		
Adapter for Petri dishes Ø 60 mm	1	710-0723
Adapter for Petri dishes Ø 80 mm	1	710-0724
Adapter for Petri dishes Ø 90 mm	1	710-0721
Adapter set for Petri dishes Ø 50/60/80/90 mm	1	710-0725
External marker with waterproof pen and cable	1	710-0717
Fuse	1	710-0720
Memory SD card	1	710-0719
Waterproof pen	1	710-0716
Wolffhügel grid	1	710-0718
Magnifier glass, 2x	1	710-0713

Epi-fluorescence microscope, VisiScope® TL534FL

LED microscope for transmitted and fluorescence reflected light.

- Die-cast frame with high stability and ergonomics
- Stage with Vernier scale on two axes
- Anti-fungus treatment for all objectives
- Infinity-corrected optical system (IOS)

Routine microscope suitable for educational and laboratory applications.

Eyepieces	WF 10x/22 with pointer adjustment
Head	30° inclined, 360° rotating
Condenser	Swing-out sliding-in N.A. 0,2/0,9 with centering system
Nosepiece	Quintuple
Observation method	Brightfield and fluorescence
Objectives	IOS 1000x
Illumination	Transmitted X-LED of 6300 K - White LED fluorescence for up to 65 000 hours (Köhler)
Focusing system	Coaxial coarse and fine knobs
WxDxH	255x410x495 mm
Weight	9 kg



Description	Type	Magnification	Pk	Cat. No.
LED fluorescence microscope	Trinocular	IOS 1000x	1	630-2945

Trinocular microscopes, VisiScope® 534

Educational, laboratory microscopes designed for routine applications.

- Anti-fungus treatment on all objectives
- P-LED light sources comparable to a 50 W halogen bulb
- Light intensity control using a knob on left side of the frame

Die-cast frame, with high stability and ergonomy, for transmitted light observation.

Includes an instruction manual and a dust cover.

Eyepieces	WF 10×/22
Head	30° inclined, 360° rotating
Condenser	Swing-out with sliding-in N.A. 0,2/0,9 with centering system
Nosepiece	Quintuple, reversed
Objectives	IOS plan achromatic 4×, 10×, 40×, 100×
Illumination	Köhler system with field diaphragm
Electrical	Entrée: 110/240 V, 50/60 Hz – Sortie: 6 V, 2,5 A
Stage	Double layer with mechanical sliding stage, 233×147 mm (X-Y movement: 78×54 mm)
WxD×H	255×400×420 mm
Weight	5 kg
Focusing system	Coaxial coarse and fine knobs



Description	Type	Model	Magnification	Pk	Cat. No.
Brightfield microscope	Trinocular	TL 534 P	1000×	1	630-2943
Phase contrast microscope	Trinocular	TL 534 PH	1000×	1	630-2944

Adhesion slides, SuperFrost Plus

Superfrost Plus slides are specially treated for frozen tissue sections.

- Permanent positive charge binds freshly frozen tissue sections and cytology preparations
- Ground edges and colour-frosted ends for labelling
- Tissue section thickness: 2 – 5 µm

Electrostatically binds tissue sections to the slide virtually preventing any loss during staining.

Cytology preparations placed on these slides resist cell loss during enzyme digestion, DNA denaturation and RNA hybridisation.

WxD (mm)	Thickness (µm)	Colour	Pk	Cat. No.
75×25	2 – 5	White	72	631-0108
75×25	2 – 5	Blue	72	631-0446
75×25	2 – 5	Rose	72	631-0447
75×25	2 – 5	Yellow	72	631-0448
75×25	2 – 5	Green	72	631-0449



Rectangular cover slips

These cover slips are specially designed for diagnostic applications.

In dispenser boxes with separate lid.

L×W (mm)	Thickness	Material	Pk	Cat. No.
21×26	No. 1	Pure white glass, hydrolytic class I	2.000	631-1569
24×32	No. 1	Pure white glass, hydrolytic class I	1.000	631-1572
24×40	No. 1	Pure white glass, hydrolytic class I	1.000	631-1573
24×50	No. 1	Pure white glass, hydrolytic class I	1.000	631-1574
24×60	No. 1	Pure white glass, hydrolytic class I	1.000	631-1575



Cover glasses



- No bubbles or flaws
- Cleaned and polished
- Pure white hydrolytic class 1 glass

In plastic dispenser boxes with hinged lid.

Thickness	Ø (mm)	Pk	Cat. No.
No. 0	6	1.000	631-0168
No. 1	9	1.000	631-0169
No. 0	10	1.000	631-0170
No. 0	13	1.000	631-0148
No. 1	13	1.000	631-0149
No. 1,5	13	1.000	631-0150
No. 0	16	1.000	631-0151
No. 1	16	1.000	631-0152
No. 1,5	18	1.000	631-0153
No. 0	19	1.000	631-0154
No. 1	19	1.000	631-0155
No. 1,5	19	1.000	631-0156
No. 0	22	1.000	631-0157
No. 1	22	1.000	631-0158
No. 1,5	22	500	631-1089
No. 1	24	1.000	631-0161
No. 1	25	1.000	631-0171
No. 1,5	25	1.000	631-0172
No. 1	30	1.000	631-0174
No. 1	32	1.000	631-0162
No. 0	35	1.000	631-0175
No. 1	35	1.000	631-0176
No. 1	40	1.000	631-0177
No. 1	50	1.000	631-0178

Stains for microorganisms



Special dyes to highlight the morphology of microorganisms. Some examples are Gram's staining (widely used for microscopy identification of bacteria) and fuchsin staining that stains the acid-resistant bacteria, such as mycobacteria, red.

Description	Pk	Cat. No.
Carbol fuchsin Ziehl-Neelsen (Strong) Gurr	500 ml	350084R
Crystal violet solution, 3x1 l	3	911517ZAMP
Fuchsin (basic) Gurr 'Certistain'	100 g	340325K
Fuchsin basic	25 g	3525.0025
Gram's decolorising solution	5 l	9761.5000
Gram's decolorising solution	5 l	99502.5000
Malachite green oxalate (C.I. 42000)	100 g	3076.0100
Methyl blue TECHNICAL	100 g	34015.182
Methylene blue (C.I. 52015)	25 g	3470.0025
Methylene blue (C.I. 52015)	100 g	3470.0100
Methylene blue solution, 3x1 l	3	911490ZAMP
Safranin solution	1 l	911540ZA
Schiff's staining solution Q Path®	450 ml	10047025.
Toluidine blue, certified grade	25 g	E847-25G

Preservation system, Cryoinstant

Microbiological laboratories need a simple procedure to maintain important microorganisms rather than repetitive sub-culturing, which results in contaminated cultures, loss of viability and, even more importantly, loss of original characteristics by introducing biochemical and genetic changes. Cryoinstant consists of 25 porous beads in a vial filled with a broth containing glycerol. Microorganisms will bind to the porous surface of the beads. The excess broth is aspirated, and the vials stored at temperatures down to -70°C in a freezer.

- Quick and easy to use
- Colour coded
- Storage down to -70°C
- Quality controlled for fertility and sterility

Cryoinstant is packed in packs of 50 vials of 2 ml.



Description	Pk	Cat. No.
Cryoinstant, blue	50	822072ZA
Cryoinstant, green	50	822073ZA
Cryoinstant, mixed	50	822070ZA
Cryoinstant, natural	50	822075ZA
Cryoinstant, red	50	822071ZA
Cryoinstant, vials without media	50	820006ZA
Cryoinstant, yellow	50	822074ZA

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