

OTHER PRODUCTS FROM M&S

DR. MÖLLER & SCHMELZ GmbH
Gesellschaft für angewandte Mikrobiologie

Microbiological Working Place - Basic Equipment for Membrane Filtration (Order No. 6040...)

The single units comprise a self sealing vacuum filter holder made of stainless steel of either 50 mm or 80 mm in diameter, an 1 l suction flask with silicone plug, a Woulff's bottle including a manometer, dial display, ventilation valve and an efficient mini vacuum pump with vacuum tubing.



The filter holders are equipped with sintered steel frits, maintenance-free and adjustable teflon taps. The filter funnels (with lids) will contain 100 or 500 ml. The suction flask as well as the Woulff's bottle have a safety coating made of PVC. The vacuum pump is manufactured for continual use and may also generate compressed air. Any part of the equipment may be obtained separately.

The M&S Three-Place Filtration Unit (Order No. 6090)



Three-place filtration unit with vacuum filter holders made of stainless steel, 50 mm diameter, self sealing. The filter holder are connected via a gliding socket to the filter holder and therefore easy to remove. A combination of filter holder of 50 mm and 80 mm diameter is possible. Due to its small dimension the filter holder is especially suitable for working in safety workbenches.

Also available from M&S: Nutrient Pad Sets

Nutrient Pad Sets (NPS) are sterile, dehydrated culture media, ready for immediate use after addition of water. Shelf life of the sealed and original package is at room temperature one year at least. Nutrient Pads (NPs) are obligatory used in combination with membrane filters and the membrane filtration technique.

The pads are made of biologically inert cellulose cardboard that does not bind the nutrient medium chemically or physically. Growth of microorganisms can therefore develop freely. Thus better and faster growth is achieved as compared to conventional agar culture media.



Ready-To-Use Media

M&S

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Different agar and liquid media, packaged for immediate use either in autoclavable polycarbonate bottles or autoclavable glass tubes are available as ready-to-use Nutrient Media. Pack sizes are 4 x 250 ml bottles or 25 x 20 ml tubes .

Also available as ready-to-use Nutrient Media is the Drinking Water Kit, a complete range of Nutrient Media for each microbiological investigation in compliance with the regulations of the EU drinking water directives, and the Mineral Water Kit, a complete range of Nutrient Media for each microbiological investigation in compliance with the regulations of the EU mineral and table water directives.

Medium	Detection	Order No.
Ready-To-Use Nutrient Media in glass tubes (25 x 20 ml)		
Bile Aesculin Azide Agar *	Enterococci	5250
Caseinpeptone-Bile-Agar *	E.coli	5230
Caso-Agar	Colony count	4020
Caso-Bouillon	Colony count	4021
Cetrimid-Agar	Pseudomonas	4025
Cristall Violet Agar	Saccharomyces	4051
DRCM-Bouillon dehydr. *	Clostridiae	4030
Endo-Agar *	E.coli, Coliform bacteria	4040
Enterococci-selective Agar * (Slanetz and Bartley)	Enterococci	5240
Gelatine Agar with detection reagent *	Colony count, gelatine liquefaction	4045
Yeast Extract Agar	Yeasts, Moulds	4047
Kanamycin-Aesculin-Azid-Agar *	D-streptococci	4050
King B Agar *	Ps. Aeruginosa	5270
Lactose-TTC-Tergitol 7 Agar *	E.coli, Coliform bacteria	5200
Lysine Agar	Wild yeasts	4055
Malt Extract Agar	Yeasts, Moulds	4060
m-CP-Agar *	Cl. perfringens and spores	5260
MRS Agar	Lactobacilli	4061
MRS Bouillon	Lactobacilli	4062
Nutrient Agar *	Colony Count	4080
Nutrient Broth	Tests for sterility, etc.	4090
Orange Serum Agar	Acidotolerant microbes	4095
Orange Serum Agar +indicator	Acidotolerant microbes	4096
Plate Count Agar	Colony count	4100
Pseudomonas CN-Agar *	Ps. Aeruginosa	5280
R2A-Agar	Colony count	4125
Sabouraud-Agar	Yeasts, moulds	4130
Standard Agar	Colony count	4160
Tryptophane Peptone Water *, 25x10ml	E.coli, Coliform Bacteria	5220
Wort-Agar	Yeasts, moulds	4150
Ready-to-Use Nutrient Media in polycarbonate bottles (4x250ml)		
Arginin Broth	Ps. aeruginosa	5005
Azide-Glucose Bouillon, 100ml, double conc.*	D-Streptococci	5010
Bile Aesculin Azide Agar*	Enterococci	5251
Caseinpeptone-Bile-Agar *	E.coli	5231
Cetrimid Agar	Pseudomonas, Ps. Aeruginosa	5021
Cristall Violet Agar	Saccharomyces	5038

* part of TVO drinking water directive

** part of TVO drinking water and mineral water directive

Medium	Detection	Order No.
Endo Agar *	E.coli, coliform bacteria	5030
Enterococci-selective Agar * (Slanetz and Bartley)	Enterococci	5241
Gelatine Agar+ detection reagent*	Colony count, gelatine liquefaction	5035
King B Agar *	Ps. Aeruginosa	5271
Lactose-TTC-Tergitol 7 Agar *	E.coli, Coliform bacteria	5201
Lactose-Bouillon, 100ml double conc., 4x100ml *	E.coli, coliform bacteria	5040
Lysine Agar	Wild yeasts	5042
Malachite green bouillon 100ml double conc., 4x100ml	Ps. aeruginosa	5050
Malt Extract Agar	Yeasts, Moulds	5060
m-CP-Agar *	Cl. perfringens and spores	5261
MRS Agar	Lactobacilli	5061
MRS Bouillon	Lactobacilli	5062
MRS Bouillon+indicator	Lactobacilli	5063
Nutrient Agar *	Colony Count	5080
Nutrient Bouillon	Tests for sterility, etc.	5081
Orange Serum Agar	Acidotolerant microbes	5085
Orange Serum Agar +indicator	Acidotolerant microbes	5086
Plate Count Agar	Colony count	5090
Pseudomonas CN-Agar *	Ps. Aeruginosa	5281
R2A-Agar	Colony count	5095
Sabouraud-Agar	Yeasts, moulds	5100
Soy-Peptone Caseinepeptone-Agar	Colony Count	5020
Standard Agar	Colony count	5101
Wort-Agar	Yeasts, moulds	5110
Yeast Extract Agar	Yeasts, Moulds	5036
Ready-to-Use Nutrient Media in polycarbonate bottles (25x50ml)		
Lactose-Bouillon, 50ml single conc. +Durham tube **	E.coli, coliform bacteria	5130
Azide-Glucose Bouillon, 50ml, single conc.**	D-Streptococci	5140
Malachite green bouillon 50ml single conc. **	Ps. aeruginosa	5150
DRCM-Bouillon dehydr. **	Clostridiae	5160
Gelatine Agar 50ml + detection reagent **	Colony count, gelatine liquefaction	5170

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