

Supplements –
made easy.



Supplements – it's your choice!



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The isolation of microorganisms requires mostly the use of selective media. The use of freeze-dried supplements in the medium preparation ensures an optimal and standardised preparation and therefore performance of the selective medium.

Reliable and safe screw capped supplements

The opening of metal-capped and rubber stopped vials can be difficult and accidents may occur. Aerosols can be created when capped and rubber stopped vials are opened. If inhaled, this could become a health hazard.

To avoid accidents, spillage and inhalation of hazardous toxic agents upon opening, Merck's unique supplement vials have an user friendly screw cap opening. The selective agents are freeze-dried into a solid cake that does not integrate upon opening. So no potentially hazardous aerosols are released. The special freeze-drying concept ensures the quick dissolving of the contents.

Cost saving: Granulated base media with incorporated selective agents

Supplements are expensive. But the use of costly supplements is not required for all preparations of culture media. If the selective agents in the formulation are heat stable they can be homogeneously incorporated in the granulated culture medium base.

Additives – it's your choice!

The supplements are designed to be emptied into standard volumes (e.g. 500 ml) of medium. To increase the flexibility in culture media preparation, the Merck product range also includes a wide range of additives, such as acetic acid, bacitracin, ceftazidime, gentamycine, glycerol, glycerol tributyrate, iodide, malachite green oxalate, nalidixic acid, neomycinsulphate, pimaricin, polymixin-B-sulphate, potassium tellurite, penicillin G, sorbic acid, Tergitol®, tetracycline hydrochloride, and 2, 3, 5 triphenyltetrazoliumchloride (TTC).

Test organism(s)	Base	Cat. No.	Additives and supplements	Cat. No.	Pack size	For the preparation of	Supplement composition per vial (in mg)
Aeromonas	GSP Agar	1.10230	Penicillin G potassium salt* Pimaricin	1.07360.0001	1 g		
	m-Aeromonas Selective Agar Base (Havelaar)	1.07621	m-Aeromonas Selective Supplement	1.07625.0001	16 vials	8.0l	Ampilicin 5.0 Vancomycin 1.0
Bacillus cereus	Cereus Selective Agar (MYP)	1.05267	Bacillus cereus Selective Supplement	1.09875.0001	16 vials	8.0l	Polymixin-B-sulphate 50.000 IU
			Egg-yolk emulsion	1.03784.0001	10 x 100 ml		
Brucella	Brucella Agar	1.10490	Bacitracin* Polymixin-B-sulphate*				
Campylobacter	Bolton Selective Enrichment Broth	1.00068	Bolton Broth Selective Supplement	1.00069.0001	16 vials	8.0l	Vancomycin (10) Cefoperazone (10) Trimethoprim (10) Cycloheximide (25)
	Campylobacter Agar Base	1.02248	Campylobacter Selective Supplement acc. to Skirrow	1.02249.0001	16 vials	3.2l	Vancomycin (2) Polymixin (50 µg) Trimethoprim (1)
	Campylobacter Blood-free Selective Agar Base (modified CCDA)	1.00070	CCDA Selective Supplement	1.0071.0001	16 vials	8.0l	Amphotericin B (5) Cefoperazon (16)
Candida albicans	Candida Elective Agar acc. to Nickerson	1.10456	Neomycin sulphate	1.06254.0010	10 g		
	Levine EMB Agar	1.01342	Tetracycline hydrochloride*				
Clostridia	Differential Clostridial Agar (DCA) acc. to Weenk	1.10259	Polymixin-B-sulphate*				
	DRCM Broth	1.11699	Polymixin-B-sulphate*				
	Reinforced Clostridia Agar	1.05410	Polymixin-B-sulphate*				
	Reinforced Clostridial Medium (RCM)	1.05411	Polymixin-B-sulphate*				
Clostridium perfringens	TSC Agar	1.11972	Clostridium perfringens Selective Supplement	1.00888.0001	16 vials	8.0l	Cycloserine (200) MUP (50)
	SPS Agar	1.10235	Selective agents included in medium				
Dermatophytes	DTM Agar acc. to Taplin	1.10896	Selective agents included in medium				
	Sabouraud 2% Dextrose Agar	1.07315	Penicillin G potassium salt* Streptomycin sulphate*				

*available through www.cnbi.com

Test organism(s)	Base	Cat. No.	Additives and supplements	Cat. No.	Pack size	For the preparation of	Supplement composition per vial (in mg)
E.coli/Coliform bacteria	DEV Endo Agar	1.10684	Sodium sulfite	1.06657.0500	500 g		
	Endo Agar	1.04044	Sodium sulfite	1.06657.0500	500 g		
	All E.coli/coliform media		E.coli/Coliform Selective Supplement	1.00898.0001	16 vials	8.01	Vancomycin (2.5) Cefsulodine (2.5)
	Lactose TTC Agar with Tergitol® 7	1.07680	2,3,5 Triphenyltetrazolium-chloride (TTC)	1.08380.0010 1.08380.0100	10 g 100 g		
	m-FC Agar	1.11278	0.2 N Sodium hydroxide solution	1.09140.1000	1.01		
E.coli O157	CAYE Broth modified, acc. to Evans	1.00060	CAYE Broth Supplement	1.00051.0001	16 vials	3.21	Verotoxin (10 µg) enhancer
	SMAC Agar	1.09207	CT Supplement	1.09202.0001	16 vials	8.01	Cefixim (0.025) Potassium tellurite (1.25)
	m-EC Broth with Novobiocin	1.14582	Selective agents included in medium				
	m-TSB Broth with Novobiocin	1.09205	Selective agents included in medium				
Enterococci	CATC Agar	1.10279	2,3,5 Triphenyltetrazolium-chloride (TTC)	1.08380.0010 1.08380.0100	10 g 100 g		
			Sodium hydrogen carbonate	1.06329.0500	500 g		
			Sodium azide	1.06688.0100	100 g		
	Chromocult® Enterococci Agar	1.00950	Selective agents included in medium				
	Chromocult® Enterococci Broth	1.10294	Selective agents included in medium				
	Kanamycin Esculin Azide (KAA) Agar	1.05222	Selective agents included in medium				
	KF Streptococcus Agar	1.10707	Selective agents included in medium				
	Kranep Agar	1.05395	Selective agents included in medium				
	Membrane-Filter Enterococcus Selective Agar acc. to Slanetz and Bartley	1.05262	Selective agents included in medium				
	Membrane-Filter Enterococcus Selective Agar Base acc. to Slanetz and Bartley	1.05289	2,3,5 Triphenyltetrazolium chloride (TTC)	1.08380.0010 1.08380.0100	10 g 100 g		
Bromocresol Purple Azide Broth	1.03032	Glycerol	1.04094.0500	500 ml			
Fungi	Selective agar for pathogenic fungi	1.05467	Gentamicin solution	1.11977.0001	10 ml		
	Fungi Agar Base modified acc. to Kimmig	1.05414	Glycerol Novobiocin mono sodium salt* Pennicilin G potassium salt* Streptomycin sulphate*	1.04094.0500	500 ml		
Klebsiella	Simmons Citrate Agar	1.02501	myo-Inosit	1.04278.0100	100 g		

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Test organism(s)	Base	Cat. No.	Additives and supplements	Cat. No.	Pack size	For the preparation of	Supplement composition per vial (in mg)
Lactobacilli	Rogosa Agar	1.05413	Acetic acid	1.00062.1000	11		
Legionella	Legionella CYE-Agar Base	1.10242	Legionella BCYE Supplement	1.10240.0001	5 vials	2.5l	See manual
			Legionella GVPC Supplement	1.10240.0001	4 vials	2.0l	See manual
			Legionella combi pack	1.10425.0001	6 vials	3.0l	See manual
Lipolytic bacteria	Tributyryn Agar Base	1.01957	Glycerol tributyrat	1.01958.0100	100 ml		
Listeria/Listeria monocytogenes	Fraser Broth	1.10398	Fraser Supplement	1.10399.0001	16 vials	8.0l	Ammonium iron (III) sulphate (500) Acriflavine (2.5) Nalidixic acid (10)
	Listeria Enrichment Broth (LEB) acc. to FDA/IDF-FIL	1.10549	Selective agents included in medium				
	Listeria Enrichment Broth (LEB), Base acc. FDA/IDF-FIL	1.11951	Listeria-Selective-Enrichment-Supplement acc. to FDA-BAM 1992	1.11883.0001	16 vials	8.0l	Acriflavine (7.5) Cycloheximide (25) Nalidixic acid (20)
			Listeria-Selective-Enrichment-Supplement acc. to FDA-BAM 1995/IDF-FIL	1.11781.0001	16 vials	8.0l	Acriflavine (5) Cycloheximide (25) Nalidixic acid (20)
	Buffered Listeria Enrichment Broth Base acc. to FDA/BAM	1.09628	Listeria-Selective-Enrichment-Supplement acc. to FDA BAM 1995/IDF-FIL	1.11781.0001	16 vials	8.0l	Acriflavine (5) Cycloheximide (25) Nalidixic acid (20)
	Oxford Listeria Selective Agar	1.07004	Oxford Listeria Selective Supplement	1.07006.0001	13 vials	6.5l	Acriflavine (2.5) Cefotetan (1) Colistin sulphate(10) Cycloheximide(200) Fosfomycin (5)
	Palcam Listeria Selective Agar acc. to van Netten	1.11755	Palcam Listeria Selective Supplement acc. to van Netten	1.12122.0001	16 vials	8.0l	Acriflavine (2.5) Ceftazidime (10) Polymixin-B-sulphate (5)
	L-Palcam Listeria Selective Broth acc. to van Netten	1.10823					
	UVM Broth I	1.10824	Selective agents included in medium				
	UVM Broth II	1.10824	UVM II Supplement	1.04039.0001	1 vial	1.0l	Acriflavine (13)

Test organism(s)	Base	Cat. No.	Additives and supplements	Cat. No.	Pack size	For the preparation of	Supplement composition per vial (in mg)
Neisseria	Thayer Martin Agar Base	1.10728	Thayer Martin I Supplement	1.10729.0001	16 vials	3.2l	See manual
			Thayer Martin II Supplement	1.10730.0001	16 vials	3.2l	See manual
Proteolytic microorganisms	Calcium Caseinate Agar	1.05409	Acetic acid min. 96%	1.00062.1000	1.0l		
Pseudomonas aeruginosa	Malachite green Broth, Base	1.10329	Malachite green oxalate	1.01398.0025	25 g		
Pseudomonas	Arginine Broth acc. to Schubert	1.13892	Nalidixic acid				
	Cetrimide Agar	1.05284	Glycerol Nalidixic acid	1.04094.0500	500 ml		
	King Agar B	1.10991	Glycerol	1.04094.0500	500 ml		
	Pseudomonas Agar F	1.10989	Glycerol	1.04094.0500	500 ml		
	Pseudomonas Agar P	1.10988	Glycerol	1.04094.0500	500 ml		
Salmonella	Diasalm Base acc. to van Netten	1.09803	MRSV Selective Supplement	1.09874.0001	16 vials	8.0l	Novobiocin (10)
	Hektoen Enteric Agar	1.11681					
	MSRV	1.09878					
	Selenite Media	1.07709 1.07717	Selenite included in media				
	Tetrathionate Enrichment Broth Base acc. to Muller-Kauffmann	1.10863	Brilliant green	1.01310.0050	50 g		
			Iodine resublimed	1.04761.0100	100 g		
			Potassium iodide	1.05043.0250	250 g		
	Tetrathionate Broth Base	1.05285	MRSV Selective Supplement	1.09874.0001	16 Fl.	8,0l	Novobiocin (10)
	Preuss Broth	1.05173					
	Muller-Kauffmann Tetrathionate Novobiocin Enrichment Broth acc. to ISO	1.05878					
	Salmosyst® Broth Base	1.10153					
XLT-4 Agar Base	1.13919	XLT 4 Agar Supplement	1.08981.0100	100 ml			

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Test organism(s)	Base	Cat. No.	Additives and supplements	Cat. No.	Pack size	For the preparation of	Supplement composition per vial (in mg)
Staphylococcus aureus	Baird Parker Agar	1.05406	Egg yolk tellurite emulsion	1.03785.0001	10 x 50 ml		
			Potassium tellurite	1.05164.0100	100 g		
	Chapman Agar	1.05469	Ammonium sulphate	1.01217.0100	100 g		
			Sodium azide	1.06688.0100	100 g		
			5-Sulfosalicylic acid dihydrate	1.00691.0100	100 g		
	Giolitti-Cantoni Broth	1.10675	Potassium tellurite	1.05164.0100	100 g		
Staphylococcus Enrichment Broth acc. to Baird	1.07899	Potassium tellurite	1.05164.0100	100 g			
Vogel-Johnson Agar	1.05405	Potassium tellurite	1.05164.0100	100 g			
Yeasts and moulds	Sabouraud 4%Dextrose Agar	1.05438	Chloramphenicol	1.02366.0050	50 g		
			Neomycin sulfate	1.06254.0010	10 g		
	Sabouraud 4% Maltose Agar	1.05439	Penicillin G potassium salt*				
			Streptomycin sulfate*				
	Sabouraud 2%Dextrose Agar	1.08339					
	Sabouraud 1% Dextrose 1% Maltose Agar	1.07662					
	DG 18 Agar	1.00465	Selective agents included in basal medium				
	DRBC Agar	1.00466	Selective agents included in medium				
	OGYE Agar Base acc. to ISO	1.05978	Gentamicin solution	1.11977.0001	10 ml		
			OGYE Selective Supplement	1.09877.0001	15 vials	7.5 l	Oxytetracycline (50)
	RBC Agar	1.00467	Selective agents included in medium				
YGC Agar	1.16000	Selective agents included in medium					
Yersinia enterocolitica	Yersinia Agar (CIN)	1.16434	Yersinia Selective Supplement (CIN)	1.16466.0001	16 vials	8.0 l	Cefsulodin (7.5) Irgasan (2) Novobiocin (1.25)
	ITC Broth	1.16723	ITC Selective Supplement	1.16725.0001	12 vials	6.0 l	Irgasan (0.5) Ticarcillin (0.5) Potassium(500) chlorate
	Yersinia Selective Enrichment Broth acc. to Ossmer	1.16701	Selective agents included in medium				

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Your advantages:

- *Safe: No aerosols upon opening*
- *Accurate: No spillage during opening and dissolving*
- *Fast dissolving contents*
- *Easy and safe opening of vials due to screw cap top*
- *Reduce costs: No need to purchase expensive supplements, as selective agents are included in "Granulated Culture Media"*

W286115 01/04

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