



## IvD Culture Media to be Replaced by Extended Range of Non-IvD Products

Granulated media will feature as GranuCult® media and powdered media as NutriSelect™ media

In 2017, the EU passed legislation concerning *in vitro* diagnostics (IvD) culture media that will become fully effective when the current five-year implementation period is over. As a consequence of the new requirements, we will substitute our line of IvD media for an extended range of non-IvD media. Beginning December 1, 2020, our current media and anaerobic test products will no longer be available from our central warehouse in Germany. The new non-IvD range, however, will cover most of the discontinued IvD portfolio.

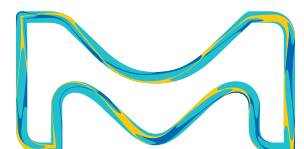
### Two powerful culture media brands

In the course of this transformation, almost all our dehydrated culture media (DCM) will be absorbed by the Millipore® brands GranuCult® (granulated media) and NutriSelect™ (powdered media). These will carry trademark extensions, either **basic, plus or prime**, that indicate the quality control (QC) level of the each DCM. The addition prime indicates that this medium is compliant with international regulatory standards (e.g. ISO, FDA-BAM, EP, USP), whereas plus indicates conformity with the standards in particular industries (e.g. pharmaceuticals, food & beverages).

QC levels	Granulated media	Powdered media
Level 3: Compliant with growth performance tests acc. to regulatory standards	GranuCult® prime	NutriSelect™ prime
Level 2: Compliant with growth performance tests acc. to industry standards	GranuCult® plus	NutriSelect™ plus
Level 1: QC without growth performance tests	-	NutriSelect™ basic

### Affected products and their replacement articles

Our new non-IVD culture media and Anaerotest® /Anaerocult® articles will receive new article numbers under which they can be ordered. These new articles will be progressively available until April 2021. The TOP table lists the current IvD products being replaced as well as the corresponding non-IvD articles to take their place.



The following table lists the IVD products that will be discontinued without replacement. Related articles without CE label available from our Millipore® culture media portfolio are indicated. [SigmaAldrich.com/Microbiology](https://www.sigmaaldrich.com/microbiology)

List of dehydrated culture media IVD products with replacement by non-IVD products under new article number and new brand name				
Old article no.	Old article name	New article no.	New brand name	New article name
1.01342	LEVINE-EMB agar	1.03857	GranuCult® prime	LEVINE Eosin-Methylene blue (L-EMB) agar acc. ISO 21150 and FDA-BAM
1.01347	EMB agar	1.03858	GranuCult® plus	EMB (Eosin-Methylene blue) agar acc. HOLT-HARRIS and TEAGUE
1.02501	SIMMONS citrate agar	1.03855	GranuCult® prime	SIMMONS citrate agar acc. ISO 10273 and FDA-BAM
1.03913	KLIGLER agar	1.03859	GranuCult® prime	KLIGLER agar acc. FDA-BAM
1.05418	Bismuth sulfite agar acc. to WILSON-BLAIR	1.00191	NutriSelect™ plus	Bismuth Sulfite (BS) agar acc. WILSON and BLAIR
1.05452	Anaerobic agar acc. to BREWER	1.03863	NutriSelect™ plus	Anaerobic agar acc. to BREWER
1.05465	MacCONKEY agar acc. HARM EP/USP/JP	1.00205	GranuCult® prime	MacCONKEY (MAC) agar acc. ISO 21150, ISO 21567, FDA-BAM and EP, USP, JP
1.07232	BPLS agar for the isolation of <i>Salmonella</i> usp	1.00207	GranuCult® prime	BPLS (Brilliant-green phenol-red lactose sucrose) agar ref. to ISO 6579
1.07500	RAMBACH® agar	1.00188	ChromoCult®	RAMBACH® agar ref. to ISO 6579 (Kit)
1.07667	SS agar	1.03853	GranuCult® prime	SS ( <i>Salmonella</i> Shigella) agar ref. to ISO 6579
1.07709	Selenite cystine enrichment broth	1.00212	GranuCult® prime	Selenite Cystine (SC) broth acc. FDA-BAM (contains sodium selenite)
1.07881	Standard I nutrient agar	1.03864	GranuCult® plus	Standard I nutrient agar
1.09207	SMAC agar base	1.00213	GranuCult® prime	Sorbitol MacCONKEY (SMAC) agar acc. ISO 16654 and FDA-BAM
1.10263	TCBS agar	1.03854	GranuCult® prime	TCBS (Thiosulfate Citrate Bile Sucrose) agar acc. ISO 21872 and FDA-BAM
1.10282	OF basal medium	1.03865	GranuCult® prime	OF (Oxidative/Fermentative) medium (base) acc. ISO 21528
1.10455	Columbia agar (base) acc. HARM. EP/USP/JP AND ISO	1.00214	GranuCult® prime	Columbia agar (base) acc. ISO 10272 and EP/USP/JP
1.10676	Tryptose broth	1.03866	GranuCult® plus	Tryptose broth acc. FDA-BAM
1.10886	Blood agar (base)	1.03879	GranuCult® plus	Blood agar (BA) (base)
1.11435	DHL agar acc. to SAKAZAKI	1.03867	GranuCult® prime	DHL (Deoxycholate Hydrogen sulfide Lactose) agar acc. to SAKAZAKI
1.11681	Hektoen enteric agar	1.00215	GranuCult® prime	Hektoen enteric (HE) agar acc. ISO 21567, FDA-BAM and ref. to ISO 6579
1.13825	Brain heart agar	1.03870	GranuCult® prime	Brain Heart Infusion (BHI) agar acc. FDA-BAM
1.16434	Yersinia selective agar (base) acc. to SCHIEMANN (CIN-AGAR)	1.03871	NutriSelect® prime	CIN (Cefsulodin, Irgasan™, Novobiocin) agar (base) acc. ISO 10273
1.05437	MUELLER-HINTON agar	1.03872	GranuCult® prime	MUELLER-HINTON (MH) agar acc. FDA-BAM
1.07315	SABOURAUD 2% glucose agar	1.03873	GranuCult® prime	SABOURAUD 2% dextrose agar (SDA) acc. ISO
1.16466	Yersinia selective supplement (CIN)	1.03880	no brand	Yersinia selective supplement (CIN)
1.13300	Bactident Oxidase	1.00181	BACTIDENT	Bactident Oxidase
1.15112	Anaerotest® for microbiology	1.32371	Anaerotest®	Anaerotest® for microbiology
1.01611	Anaerotest® A mini	1.32369	Anaerotest®	Anaerotest® A mini
1.13682	Anaerocult® C mini	1.32370	Anaerocult®	Anaerocult® C mini
1.13807	Anaerocult® P	1.32382	Anaerocult®	Anaerocult® P
1.13829	Anaerocult® A	1.32381	Anaerocult®	Anaerocult® A
1.16275	Anaerocult® C	1.32383	Anaerocult®	Anaerocult® C
1.16387	Anaerobic Jar	1.13681	no brand	Anaerobic Jar

IVD products that will be replaced by products without CE label

IVD products from Darmstadt, Germany - to be discontinued without replacement		Related NutriSelect™ (former Sigma-Aldrich) article number	Related NutriSelect™ (former Sigma-Aldrich) article name
1.01638	Brolacin agar (C.L.E.D. agar) for the enumeration, isolation and preliminary identification of microorganisms	55420	CLED Agar
1.07237	BPLS agar for the isolation of <i>Salmonella</i>		not available
1.07717	Selenite enrichment broth acc. to LEIFSON for the selective enrichment of <i>Salmonella</i>	70153	Selenite Broth (new)
1.07882	Standard I nutrient broth for the cultivation of fastidious bacteria	70122	Nutrient Broth No 1
1.08483	Urea broth for detecting microorganisms which metabolize urea	51463	Urea Broth
1.10236	<i>Salmonella</i> enrichment broth acc. to RAPPAPORT for the selective enrichment of <i>Salmonella</i>	17173	Rappaport Vassiliadis Broth, modified (similar alternative)
1.10328	Blood agar (base) No. 2 for the cultivation of Fastidious microorganisms	B1676	Blood Agar Base No. 2
1.10756	GN enrichment broth acc. to HAJNA for the selective cultivation of gram-negative intestinal bacteria	50738	GN Enrichment Broth (new, coming soon)
1.05435	MUELLER-HINTON agar acc. to CLSI for the determination of antibiotic susceptibility including sulfonamides	97580	Mueller-Hinton Agar 2
1.10293	MUELLER-HINTON broth for testing the sensitivity of clinically important pathogens	70192	Mueller Hinton Broth
1.05467	Selective agar for pathogenic fungi for the isolation of pathogenic fungi (contains cycloheximide)	42097	Mycobio Agar (coming soon, similar alternative)
1.10896	Dermatophyte selective agar (DTM) acc. to TAPLIN for the isolation and rapid differentiation of dermatophytes	79883	Peptone Yeast Extract Agar
1.13194	Urotest ab test strips for the detection of antibacterial substances (Inhibitors) in urine		not available
1.16819	Anaerocult® is for microbiology gas generator system for the anaerobic incubation of identification systems and sensitivity tests	68061	Anaerobic atmosphere generation bags

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