MSRV Medium Base

Modified Semi-Solid Rappaport Vassiliadis Medium Base

TN1272 500 g

Intended use
Semi-solid culture medium for the detection of motile salmonellae from food samples and other test material.

Form
Powder

Colour
Turquoise

Storage
Dry, tightly closed, at 10...30 °C.

Shelf life
3 years

Typical composition

Component	g/l
Tryptose	4.59
Casein hydrolysate	4.59
Sodium chloride	7.34
Potassium dihydrogen phosphate	1.47
Magnesium chloride anhydrous	10.93
Malachite green oxalate	0.037
Agar	2.7

Directions
Suspend 15.8 g in 0.5 litre distilled water, heat while stirring until completely dissolved, and cool down to 50 °C. Do not autoclave! If applicable, dissolve the contents of one bottle of Novobiocin Selective Supplement (TN1324) according to instructions and add to the base medium. Mix well and pour plates.

Final pH at 25 °C
5.2 ± 0.2

Microbiological quality control
Incubation: aerobically, 2 x (24 ± 3 h), 41.5 ± 1 °C
(with the addition of Novobiocin Selective Supplement)

Test strain	CFU / plate *)	Growth / Swarming zone	Result
Salmonella Typhimurium ATCC 14028 (WDCM 00031)	10^3 - 10^4	gray-white, turbid zone	conform
Salmonella Abony NCTC 6017 (WDCM 00029)	10^3 - 10^4	gray-white, turbid zone	conform
Salmonella Enteritidis ATCC 13076 (WDCM 00030)	10^3 - 10^4	gray-white, turbid zone	conform
Pseudomonas aeruginosa ATCC 9027 (WDCM 00026)	10^4 - 10^6	no growth	conform
Escherichia coli ATCC 8739 (WDCM 00012)	10^4 - 10^6	possible growth at the place of the inoculated drop without a turbid zone	conform
Escherichia coli ATCC 25922 (WDCM 00013)	10^4 - 10^6	possible growth at the place of the inoculated drop without a turbid zone	conform

Manufacturer: sifin diagnostics gmbh | Berliner Allee 317-321 | 13088 Berlin | Germany | T: +49 30 700 144-0 | F: +49 30 700 144-30 | info@sifin.de | www.sifin.de

MSRV Medium Base

Modified Semi-Solid Rappaport Vassiliadis Medium Base

TN1272 500 g

Test strain	CFU / plate *)	Growth / Swarming zone	Result
Enterococcus faecalis ATCC 29212 (WDCM 00087)	10^4 - 10^6	no growth	conform
Enterococcus faecalis ATCC 19433 (WDCM 00009)	10^4 - 10^6	no growth	conform

Manufacturer: sifin diagnostics gmbh | Berliner Allee 317-321 | 13088 Berlin | Germany | T: +49 30 700 144-0 | F: +49 30 700 144-30 | info@sifin.de | www.sifin.de