

Rappaport Vassiliadis Salmonella Enrichment Broth (RVS Broth) acc. to harm. EP/USP/JP

TN 1262 500 g



Intended use

Used for the selective enrichment of *salmonellae*. This culture medium is based on the recommendations of the harmonised method acc to EP/USP/JP (2006).

Form

Powder

Colour

Turquoise

Storage

Dry, tightly, at 10...25 °C. This culture medium is very hygroscopic and must be protected from becoming damp.

Shelf life

3 years

Directions

Dissolve 27.1 g in 1 litre distilled water. Autoclave for 15 minutes at 115 °C.

Typical composition

Component	g/l
Soya peptone	4.5
Magnesium chloride anhydrous	13.58
Sodium chloride	8.0
Dipotassium phosphate	0.4
Potassium dihydrogen phosphate	0.6
Malachite green	0.036

Final pH at 25 °C

5.2 ± 0.2

Microbiological quality control

Test strain	Inoculum (CFU)/10 ml	Growth	Incubated broth	Smear on XLD-Agar	Incubated smears
<i>Salmonella Typhimurium</i> ATCC 14028	10-100	good growth, clearly visible	aerobically, max. 18 h, 30-35 °C	good growth	aerobically, max. 18 h, 30-35 °C
<i>Salmonella Abony</i> NCTC 6017	10-100	good growth, clearly visible turbidity of the broth	aerobically, max. 18 h, 30-35 °C	good growth	aerobically, max. 18 h, 30-35 °C
<i>Staphylococcus aureus</i> ATCC 6538	100-1000	no growth, no turbidity of the broth	aerobically, min. 24 h, 30-35 °C	growth inhibited	aerobically, min. 48 h, 30-35 °C

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