

RAPPAPORT-VASSILIADIS BROTH, PH EUR - USP

A selective enrichment medium for the isolation of *Salmonella* spp. according to PH EUR (Rappaport-Vassiliadis Salmonella Enrichment Broth - Harmonised).

Dehydrated media	
Code number:	500 g: RVB20500 Packaging: 500 g broth base + 1 l MgCl ₂ solution
	5 kg: RVB25000 Packaging: 5 kg broth base + 10 x 1 l MgCl ₂ solution
Appearance of broth base:	Beige, homogeneous hygroscopic powder
Appearance of MgCl ₂ solution:	Water-clear, precipitation free solution
pH before autoclaving (25 °C):	5,0 – 5,4

Direction: Suspend 13,5 g in 970 ml of distilled water. Add 27 ml of Rappaport-Vassiliadis Magnesium Chloride Solution. Mix well and heat gently to dissolve the medium completely. Dispense into final containers and sterilise by autoclaving at 115 °C for 15 minutes.

Warning!

The medium is heat sensitive.
No further sterilisation is necessary or desirable.

Prepared media	
Bottled media:	100 ml: RVB30100, 500 ml: RVB30500
Tubed media:	150 x 15 mm: RVB40010 (10 ml)
Colour:	Green
pH (25 °C):	5,1 – 5,3

Direction: Dispense the bottled media aseptically into sterile final containers. Media in tubes are ready to use.

FORMULA OF COMPLETE MEDIUM in g/l

Soya peptone	4,500
Magnesium chloride x 6 H ₂ O	29,000
Sodium chloride	8,000
Malachite green	0,036
Potassium phosphate, dibasic	0,400
Potassium phosphate, monobasic	0,600

Note: The typical formula can be adjusted to obtain optimal performance.

Storage conditions: Store the dehydrated media tightly closed in a dry place at room temperature. Store the bottled and tubed media protected from light at room temperature. Use before the expiry date on the label.

Quality control:

Test strains	Incubation temp: 37 °C	Growth	Incubation time: 24 h
<i>Salmonella typhimurium</i> ATCC 14028		Good	
<i>Escherichia coli</i> ATCC 25922		Inhibited	

References: Rappaport et al. (1956) J. Clin. Path. 9: 261.
European Pharmacopoeia

In vitro diagnostic – for professional use only!