

## MRVP BROTH

A differential medium for the differentiation of bacteria on the basis of methyl red and Voges-Proskauer reactions.



Dehydrated media	
Code number:	500 g: MVP20500, 5 kg: MVP25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,8 - 7,2

**Direction:** Suspend **17 g** in one litre of distilled water and heat gently to dissolve the medium completely. Dispense into test tubes and sterilise by autoclaving at 121 °C for 15 minutes. Cool quickly!

Prepared media	
Bottled media:	100 ml: MVP30100, 500 ml: MVP30500
Tubed media:	100 x 12 mm: MVP40002 (2 ml)
Colour:	Yellowish
pH (25 °C):	6,9 - 7,1

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

### FORMULA in g/l

Peptones	7
Glucose	5
Buffers	5

**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	Reactions	Incubation time: 24 h
		<b>Methyl red</b>	<b>Voges-Proskauer</b>
<i>Escherichia coli</i> ATCC 25922		+	-
<i>Enterobacter aerogenes</i> ATCC 13048		-	+

**References:** Voges and Proskauer (1898) Z. Hyg. 28: 20.  
ISO 6579, ISO 6585, FIL-IDF 181

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