

M17 AGAR

A selective medium for the cultivation and enumeration of lactic streptococci.

Dehydrated media	
Code number:	500 g: M1A20500, 5 kg: M1A25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,7 – 7,1

Direction: Suspend **55 g** in one litre of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 121 °C for 15 minutes.

Prepared media	
Bottled media:	100 ml: M1A30100, 500 ml: M1A30500
Plated media:	55 mm: M1A50055, 90 mm: M1A50090
Colour:	Yellowish
pH (25 °C):	6,8 – 7,0

Direction: Dispense the melted bottled media aseptically into sterile Petri-dishes. Media in Petri-dishes are ready to use.

FORMULA in g/l

Peptones	17,25
Lactose	5,00
Magnesium sulphate	0,25
Ascorbic acid	0,50
Sodium glycerophosphate	19,00
Agar	13,00

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 media protected from light at room temperature. Store the plated media protected from light at 2-8 °C. Use before the expiry date on the label.

Quality control:

Test strains	Incubation temp: 30 °C	Growth	Incubation time: 48 h
<i>Streptococcus lactis</i> ATCC 19435		Good	

References: Terzaghi and Sandine (1975) Applied Microbiol. 29: 807.

In vitro diagnostic – for professional use only!