

LEUCONOSTOC AGAR

A differential medium for the cultivation of *Leuconostoc* spp.

Dehydrated media	
Code number:	500 g: LEA20500, 5 kg: LEA25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	5,8 - 6,2

Direction: Suspend **184 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: LEA30100, 500 ml: LEA30500
Plated media:	55 mm: LEA50055, 90 mm: LEA50090
Colour:	Yellowish
pH (25 °C):	5,9 - 6,1

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

FORMULA in g/l

Peptones	15,8
Sucrose	150,0
Sodium chloride	1,0
Magnesium sulphate	0,2
Buffers	2,0
Agar	15,0

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: 37 °C	Growth	Incubation time: 24 h
<i>Leuconostoc mesenteroides</i> ATCC 14935		Good	

References: Atlas and Parks (1993) Handbook of Microbiological Media

In vitro diagnostic – for professional use only!