

## BROLAC AGAR

A differential medium for the differentiation of lactose-positive micro-organisms from lactose-negative ones.

<b>Dehydrated media</b>	
Code number:	500 g: BRO20500, 5 kg: BRO25000
Colour:	Beige
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,8 – 7,2

**Direction:** Suspend **40 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.

<b>Prepared media</b>	
Bottled media:	100 ml: BRO30100, 500 ml: BRO30500
Plated media:	55 mm: BRO50055, 90 mm: BRO50090
Colour:	Green
pH (25 °C):	6,9 – 7,1

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

### FORMULA in g/l

Peptones	7,00
Lactose	15,00
Sodium chloride	5,00
Bromothymol blue	0,04
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:

<b>Test strains</b>	Incubation temp: 37 °C	<b>Growth</b>	Incubation time: 24 h
<i>Escherichia coli</i>	ATCC 25922 (L+ control)	Good, yellow colonies	
<i>Salmonella typhimurium</i>	ATCC 14028 (L- control)	Good, bluish green colonies	

**In vitro diagnostic – for professional use only!**