

BLOOD AGAR BASE No.2 ISO

A modified blood agar possessing enhanced nutritional properties according to the ISO 7932 and ISO 11290.

Dehydrated media	
Code number:	500 g: BAI20500, 5 kg: BAI25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,0 – 7,4

Direction: Suspend **42 g** in 950 ml of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 121 °C for 15 minutes. Cool to 50 °C and add aseptically **50 ml of sterile defibrinated sheep blood**. Mix well before pouring.

Prepared media	
Bottled media bases:	100 ml: BAI30100, 500 ml: BAI30500
Plated media:	55 mm: BAI50055, 90 mm: BAI50090
Colour of bottled agar bases:	Yellowish
Colour of plated agar:	Ruby red
pH (25 °C):	7,1 – 7,3

Direction: Supplement the melted bottled media bases according to the direction of the dehydrated media and dispense aseptically into sterile Petri-dishes. Media in Petri-dishes are ready to use.

FORMULA in g/l

Proteose peptone	15,0
Yeast extract	5,0
Liver extract	2,5
Sodium chloride	5,0
Agar	14,5

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 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>Streptococcus pneumoniae</i> ATCC 49619		Good, alpha haemolysis	
<i>Streptococcus pyogenes</i> ATCC 19615		Good, beta haemolysis	
<i>Bacillus cereus</i> ATCC 11778		Good, beta haemolysis	
<i>Listeria monocytogenes</i> ATCC 19115		Good, beta haemolysis	

References: ISO 7932:2004, ISO 11290-2:2012

In vitro diagnostic – for professional use only!