

BLOOD AGAR BASE + GENTAMICIN + POLYMYXIN B

A selective medium for the isolation of Gram-positive cocci.

Dehydrated media	
Code number:	500 g: OAB20500, 5 kg: OAB25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,1 – 7,5

Direction: Suspend **43 g** in 950 ml of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 115 °C for 15 minutes. Cool to 50 °C and add aseptically **50 ml of sterile defibrinated sheep blood**. Mix well before pouring.

Warning!

The medium is heat sensitive.
No further sterilisation is necessary or desirable.

Prepared media	
Bottled media bases:	100 ml: OAB30100, 500 ml: OAB30500
Plated media:	55 mm: OAB50055, 90 mm: OAB50090
Colour of bottled media bases:	Yellowish
Colour of plated media:	Ruby red
pH (25 °C):	7,2 – 7,4

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

Meat peptone	8,000
Casein peptone	5,000
Yeast extract	10,000
Starch, soluble	1,000
Sodium chloride	5,000
Gentamicin	0,050
Polymyxin B	0,005
Agar	14,000

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 (under micro-aerobic conditions)	
<i>Streptococcus pyogenes</i>	ATCC 19615	Good, beta haemolysis (under micro-aerobic conditions)	
<i>Pseudomonas aeruginosa</i>	ATCC 27853	Inhibited	
<i>Staphylococcus aureus</i>	ATCC 29213	Inhibited	

References: McFaddin (1985) Media for isolation-cultivation-identification-maintenance of medical bacteria, Vol. Williams & Wilkins, Baltimore, MD.

In vitro diagnostic – for professional use only!