

PURPLE LACTOSE AGAR BASE, MODIFIED

A differential medium for the isolation, enumeration and presumptive identification of micro-organisms from urine.

Dehydrated media	
Code number:	500 g: BLA20500, 5 kg: BLA25000
Colour:	Beige
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,0 - 7,4

Direction: Suspend **46 g** in 980 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 **20 ml of sterile defibrinated blood**. Mix well before pouring.

Prepared media	
Bottled media bases:	100 ml: BLA30100, 500 ml: BLA30500
Plated media:	55 mm: BLA50055, 90 mm: BLA50090
Colour:	Purple
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

Peptones	20,000
L-Cystine	0,100
Lactose	10,000
Ferrous citrate	0,200
Sodium thiosulphate	0,200
Esculin	0,500
Bromocresol purple	0,025
Agar	15,000

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>Escherichia coli</i>	ATCC 25922	Good, yellow colonies	
<i>Salmonella typhimurium</i>	ATCC 14028	Good, blue colonies with black centre	
<i>Enterococcus faecalis</i>	ATCC 29212	Moderate, small yellow colonies with black centre	

In vitro diagnostic – for professional use only!