M-PA-B AGAR

A selective and differential medium for the selective recovery and enumeration of *Pseudomonas aeruginosa* from heavily contaminated samples.

Dehydrated media	
Code number:	500 g: MPB20500, 5 kg: MPB25000
Colour:	Pinkish
Appearance:	Homogeneous hygroscopic powder
pH before sterilization (25 °C):	7,0 – 7,4

Direction: Suspend **39 g** in one litre of distilled water and heat with frequent agitation until the medium boils well. Cool quickly. Mix well before pouring.

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

Prepared media	
Bottled media:	100 ml: MPB30100, 500 ml: MPB30500
Plated media:	55 mm: MPB50055, 90 mm: MPB50090
Colour:	Red
pH (25 °C):	7,1 – 7,3

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

FORMULA in g/l

Yeast extract	2,000
L-Lysine	5,000
Xylose	1,250
Lactose	1,250
Sucrose	1,250
Sodium chloride	5,000
Sodium thiosulphate	5,000
Magnesium sulphate	1,500
Ferric ammonium citrate	0,800
Nalidixic acid	0,037
Sulfapyridine	0,170
Cycloheximide	0,150
Kanamycin	0,008
Phenol red	0,080
Agar	15,500

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
Pseudomonas aeruginosa	ATCC 27853	Good, brown - dark brown colonies	
Escherichia coli	ATCC 25922	Inhibited	

References: Levin and Cabelli (1972) Appl. Microbiol. 24: 864.

In vitro diagnostic – for professional use only!