MYCOPLASMA (PPLO) AGAR BASE

A highly nutritious medium base for preparation of Mycoplasma (PPLO) Medium.

Dehydrated media	
Code number:	500 g: MYA20500, 5 kg: MYA25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,6 – 8,0

Direction: Suspend **17,5 g** in 500 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 enrichments (horse serum, specially prepared yeast extract). For a selective medium (which inhibits bacteria) add inhibitors (thallium acetate and antibiotics). Mix well before pouring.

Prepared media	
Bottled media bases:	100 ml: MYA30100, 500 ml: MYA30500
Colour:	Yellowish
pH (25 °C)	7,7 – 7,9

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

FORMULA in g/l

Nutrient substrate (heart infusion, peptones)	16
Sodium chloride	5
Agar	14

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: 7 days
Mycoplasma pneumoniae ATCC 15531		Good	

References: Morton et al. (1951) Am. J. Syphil. Gonorrh. Vener. Dis. 35: 361.

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