

MYCOPLASMA (PPLO) BROTH BASE

A highly nutritious medium base for the preparation of Mycoplasma (PLLO) Broth.

Dehydrated media	
Code number:	500 g: MYB20500, 5 kg: MYB25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,6 – 8,0

Direction: Suspend **10,5 g** in 500 ml of distilled water and heat gently to dissolve the medium completely. 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 and dispense aseptically into sterile final container.

Prepared media	
Bottled media bases:	100 ml: MYB30100, 500 ml: MYB30500
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 final containers.

FORMULA in g/l

Nutrient substrate (heart infusion, peptones)	16
Sodium chloride	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 and tubed media protected from light at room temperature. Use before the expiry date on the label.

Quality control:

Test strains	Incubation temp: 37 °C	Growth	Incubation time: 7 days
<i>Mycoplasma pneumoniae</i> ATCC 15531		Good	

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

In vitro diagnostic – for professional use only!