

Product Name : Brolac Agar

A differential medium to distinguish the lactose-positive micro-organisms from lactose-negative ones.

TYPICAL FORMULA (G/L)

Peptones 7.0
Lactose 15.0
Sodium Chloride 5.0
Bromothymol Blue 0.04
Agar 13.0
Final pH = 7.0 ± 0.2 at 25°C.

DIRECTIONS

Suspend 40.04 G in 1 L of distilled water. Bring to the boil to dissolve completely. Sterilize by autoclaving at 121 °C for 15 minutes. Cool to 45-50 °C. Dispense in petri dishes.

DESCRIPTION

Brolac Agar is a differential medium to distinguish the lactose-positive micro-organisms from lactose-negative ones.

QUALITY CONTROL

Dehydrated medium

Appearance: free-flowing, homogeneous.

Color: beige.

Prepared medium

Appearance: opaque.

Color: greenish.

Incubation conditions: 35 ±2°C / 24-48 hours.

Microorganism	ATCC	Growth
<i>Escherichia coli</i>	25922	good
<i>Proteus mirabilis</i>	25933	inhibited

STORAGE

The powder is very hygroscopic: store the powder at room temperature, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration or contamination are evident. Store prepared medium at 2-6°C.

PACKAGING

Cat. No : MB-B2132 Brolac Agar	500 G
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