

LITMUS MILK BROTH

A differential medium for the determination of bacterial action on milk.

Dehydrated media	
Code number:	500 g: LBT20500, 5 kg: LBT25000
Colour:	White
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,6 – 7,0

Direction: Suspend **100 g** in one litre of distilled water and heat gently to dissolve the medium completely. Dispense into test tubes fitted with Durham tube and sterilise by autoclaving at 115 °C for 15 minutes.

Warning!

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

Prepared media	
Bottled media:	100 ml: LBT30100, 500 ml: LBT30500
Tubed media:	150 x 15 mm: LBT40010 (10 ml), LBT40008 (8 ml)
Colour:	Purplish
pH (25 °C):	6,7 – 6,9

Direction: Dispense the bottled media aseptically into sterile test tubes. Media in tubes are ready to use.

FORMULA in g/l

Bacteriological skimmed milk	99,0
Sodium sulphite	0,5
Litmus	0,5

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 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>Clostridium perfringens</i> ATCC 13124		Good, stormy fermentation with gas	
<i>Pseudomonas aeruginosa</i> ATCC 27853		Good, peptonisation	

References: Lenette et al. (1985) Manual of Clinical Microbiology. 4th ed.

In vitro diagnostic – for professional use only!