

FluoroBio® BGLB

A selective and differential medium for the detection of coliforms by a fluorogenic procedure.

Dehydrated media	
Code number:	500 g: BBM20500, 5 kg: BBM25000
Colour:	Beige
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,2 – 7,6

Direction: Suspend **40 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. Cool quickly!

Warning!

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

Prepared media	
Bottled media:	100 ml: BBM30100, 500 ml: BBM30500
Tubed media:	150 x 15 mm: BBM40010 (10 ml)
Colour:	Green
pH (25 °C):	7,3 – 7,5

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

FORMULA in g/l

Peptones	10,0000
Bacteriological bile	20,0000
Lactose	10,0000
MUG	0,1000
Brilliant green	0,0133

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: 24 h
<i>Escherichia coli</i>	ATCC 25922	Good, with gas production, colour change to yellow, fluorescence at 366 nm	
<i>Enterobacter aerogenes</i>	ATCC 13048	Good, with gas production, without colour change	
<i>Staphylococcus aureus</i>	ATCC 29213	Inhibited	

References: APHA (1986) Standard Methods for the Examination of Water and Wastewater 15th ed.
Kilian and Bulow (1984) Acta Path. Micro. Scand. Sect. B. 84: 245.

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