

## ChromoBio® MLGA

A selective and differential chromogenic medium for the differentiation and enumeration of *E. coli* and other coliforms by membrane filtration.

Dehydrated media	
Code number:	500 g: MLG20500, 5 kg: MLG25000
Colour:	Pinkish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,8 - 7,2

**Direction:** Suspend **88 g** in one litre of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 121 °C for 15 minutes.

Prepared media	
Bottled media:	100 ml: MLG30100, 500 ml: MLG30500
Plated media:	55 mm: MLG50055, 90 mm: MLG50090
Colour:	Red
pH (25 °C):	6,9 - 7,1

**Direction:** Dispense the melted bottled media aseptically into sterile Petri-dishes. Media in Petri-dishes are ready to use.

### FORMULA in g/l

Peptones	46,0
Lactose	30,0
Sodium lauryl sulphate	1,0
Sodium pyruvate	0,5
Chromogenic substrate	0,3
Phenol red	0,2
Agar	10,0

**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: 24 h
<i>Escherichia coli</i>	ATCC 25922	Good, green colonies	
<i>Enterobacter aerogenes</i>	ATCC 13048	Good, yellow colonies	
<i>Pseudomonas aeruginosa</i>	ATCC 27853	Good, red colonies	
<i>Enterococcus faecalis</i>	ATCC 29212	Inhibited	

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