

ENDO M BROTH BASE

A selective and differential medium for one-step method of the enumeration of coliforms by membrane filtration.

Dehydrated media	
Code number:	500 g: ENB20500, 5 kg: ENB25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before sterilization (25 °C):	7,0 - 7,4

Direction: Suspend **48 g** in one litre of distilled water. Add **10 ml of Endo Basic Fuchsin Solution (FBS80060)**. Mix well and heat with frequent agitation until the medium boils well. Cool and dispense aseptically into final containers.

Warning!

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

Prepared media	
Bottled media:	100 ml: ENB30100, 500 ml: ENB30500
Tubed media:	100 x 12 mm: ENB40002 (2 ml)
Colour:	Pinkish red
pH (25 °C):	7,1 - 7,3

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

FORMULA in g/l

Peptones	22,50
Lactose	12,50
Sodium chloride	5,00
Sodium sulphite	2,10
Sodium deoxycholate	0,10
Sodium lauryl sulphate	0,05
Buffers	5,75

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 on membrane filter	Incubation time: 24 h
<i>Escherichia coli</i>	ATCC 25922	Good, dark red colonies with green metallic sheen	
<i>Salmonella typhimurium</i>	ATCC 14028	Good, colourless colonies	
<i>Enterococcus faecalis</i>	ATCC 29212	Inhibited	

References: APHA (1998) Standard Methods for the Examination of Water and Wastewater, 20th ed.

In vitro diagnostic - for professional use only!