

ENDO AGAR

A selective and differential medium for the detection of coliforms and other enteric bacteria.

Dehydrated media	
Code number:	500 g: END20500, 5 kg: END25000
Packaging of 500 g:	500 g medium base + 1 x 60 ml fuchsin solution
Packaging of 5 kg:	5 kg medium base + 6 x 100 ml fuchsin solution
Appearance of agar base:	Yellowish, homogeneous hygroscopic powder
Appearance of supplement:	Deep magenta, precipitation free solution
pH before autoclaving (25 °C):	7,2 – 7,6

Direction: Suspend **42 g** in one litre of distilled water. Add **5 ml of Endo Basic Fuchsin Solution**. Mix well and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 121 °C for 15 minutes. Mix well again before pouring.

Prepared media	
Bottled media:	100 ml: END30100, 500 ml: END30500
Plated media:	55 mm: END50055, 90 mm: END50090
Colour:	Pale pink
pH (25 °C):	7,3 – 7,5

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

FORMULA FOR COMPLETE MEDIUM in g/l

Peptones	12,0
Lactose	10,0
Sodium sulphite	2,5
Basic fuchsin	0,5
Buffers	2,5
Agar	15,0

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 supplements and 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, 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.

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