

## ENDO AGAR, DEV

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

<b>Dehydrated media</b>	
Code number:	500 g: EDE20500, 5 kg: EDE24600
Packaging of 500 g:	500 g medium base + 1 x 45 ml fuchsin solution
Packaging of 5 kg:	5 kg medium base + 4 x 108 ml fuchsin solution
Appearance of agar base:	Yellowish, homogeneous hygroscopic powder
Appearance of supplement:	Deep magenta, precipitation free solution
pH before autoclaving (25 °C):	6,7 - 7,1

**Direction:** Suspend **58 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.

<b>Prepared media</b>	
Bottled media:	100 ml: EDE30100, 500 ml: EDE30500
Plated media:	55 mm: EDE50055, 90 mm: EDE50090
Colour:	Pale pink
pH (25 °C):	6,8 - 7,0

**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	20,5
Lactose	10,0
Sodium chloride	5,0
Sodium sulphite	2,5
Basic fuchsin	0,5
Agar	20,0

**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:

<b>Test strains</b>	Incubation temp: 37 °C	<b>Growth</b>	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:** DIN 38411

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