

Endo Agar

Lactose Fuchsin Sulfite Agar

TN 1130 500 g



Intended use

Used for the detection and isolation of *Enterobacteriaceae*.

Form

Powder

Colour

Violet

Storage

Dry, tightly closed, at 10...25 °C.

Shelf life

5 years

Typical composition

Component	g/l
Pancreatic peptone (meat, gelatin)	7.7
Yeast extract	2.3
Lactose	10
Dipotassium hydrogen phosphate	3
Potassium dihydrogen phosphate	0.5
New fuchsin	0.15
Sodium sulfite	1
Agar	10

Directions

Suspend 34.6 g in 1 litre distilled water and heat until completely dissolved. Keep in steam heater for 40 minutes at 100 °C. Do not autoclave!

Final pH at 25 °C

7.5 ± 0.2

Microbiological quality control

Incubate Endo Agar (Lactose Fuchsin Sulfite Agar) aerobically for 16-24 hours at 36 ± 1 °C.

Test strains	ATCC no.	CFU/ plate	Growth	Colony colour
<i>Escherichia coli</i>	25922	10-100	good	dark red
<i>Escherichia coli</i>	10536	10-100	good	dark red
<i>Escherichia coli</i> O157:H7	35150	10-100	good	dark red
<i>Escherichia coli</i> O157:H7	12900	10-100	good	dark red with green metallic sheen
<i>Escherichia coli</i>	8739	10-100	good	dark red with green metallic sheen
<i>Salmonella</i> Typhimurium	14028	10-100	good	colourless
<i>Shigella flexneri</i>	29929	10-100	good	colourless
<i>Klebsiella pneumoniae</i>	13883	10-100	good	red or reddish; colonies are hemispherical, slimy
<i>Enterobacter cloacae</i>	13047	10-100	good	red or reddish; colonies are hemispherical, slimy
<i>Staphylococcus aureus</i>	25923	ca. 1000	no growth	n.a.

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