

ChromoBio® ENTEROCOCCUS AGAR

A selective and differential chromogenic medium for the enumeration of enterococci.

Dehydrated media	
Code number:	500 g: CEA20500, 5 kg: CEA25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,8 – 7,2

Direction: Suspend **42 g** in one litre of distilled water and heat with frequent agitation until the medium boils well. Mix well before pouring.

Warning!

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

Prepared media	
Bottled media:	100 ml: CEA30100, 500 ml: CEA30500
Plated media in normal Petri-dishes:	55 mm: CEA50055, 90 mm: CEA50090
Plated media in contact Petri-dishes:	65 mm: CEA50065
Colour:	Yellowish
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	20
Chromogenic substrate	3
TWEEN 80	1
Buffers	5
Agar	13

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: 48 h
<i>Enterococcus faecalis</i>	ATCC 29212	Good, blue colonies	
<i>Escherichia coli</i>	ATCC 25922	Inhibited	
<i>Pseudomonas aeruginosa</i>	ATCC 27853	Inhibited	
<i>Staphylococcus aureus</i>	ATCC 29213	Inhibited	

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