

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: | 55 mm: CEA50055, 90 mm: CEA50090 |
| 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 | |

In vitro diagnostic – for professional use only!