

LISTERIA ENRICHMENT BROTH

A selective enrichment medium for the detection of *Listeria monocytogenes*.

| Dehydrated media | |
|--------------------------------|---------------------------------|
| Code number: | 500 g: LEN20500, 5 kg: LEN25000 |
| Colour: | Yellowish |
| Appearance: | Homogeneous hygroscopic powder |
| pH before autoclaving (25 °C): | 7,1 – 7,5 |

Direction: Suspend **36 g** in one litre of distilled water and heat gently to dissolve the medium completely. Dispense into final containers and sterilise by autoclaving at 115 °C for 15 minutes.

Warning!

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

| Prepared media | |
|-----------------------|------------------------------------|
| Bottled media: | 100 ml: LEN30100, 500 ml: LEN30500 |
| Tubed media: | 150 x 15 mm: LEN40010 (10 ml) |
| Colour: | Yellowish |
| pH (25 °C): | 7,2 – 7,4 |

Direction: Dispense the bottled media aseptically into sterile final containers. Media in tubes are ready to use.

FORMULA in g/l

| | |
|-----------------|--------|
| Peptones | 26,000 |
| Glucose | 2,500 |
| Sodium chloride | 5,000 |
| Cycloheximide | 0,050 |
| Nalidixic acid | 0,040 |
| Acriflavine | 0,015 |
| Buffers | 2,400 |

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 and tubed media protected from light at room temperature. Use before the expiry date on the label.

Quality control:

| Test strains | Incubation temp: 37 °C | Growth | Incubation time: 24 h |
|--|------------------------|---------------|-----------------------|
| <i>Listeria monocytogenes</i> ATCC 19115 | | Good | |
| <i>Staphylococcus aureus</i> ATCC 29213 | | Inhibited | |

References: Lovett et al. (1987) J. Food Protection 50: 188.

In vitro diagnostic – for professional use only!