



Preparation of LB medium

Reagents

- Sodium chloride
- Yeast extract
- Casein peptone

Note: pH 7.2 ± 0.2

Equipment and materials

- Heating plate
- Erlenmeyer flask (depends on the amount that is required to prepare)
- Analytical balance
- Spatula
- Distilled water
- Autoclave
- Magnetic stirrer
- Plastic tray for analytical balance
- Masking tape
- Cotton
- Bunsen burner
- Kraft paper
- 1L graduated cylinder

Methodology

1. Rehydrate 20 g of the medium in one liter of distilled water
2. Rest 10 to 15 minutes
3. Heat stirring frequently until complete dissolution
4. Distribute in test tubes or erlenmeyer flasks
5. Sterilize in an autoclave at 121°C (15 lbs of pressure) for 15-30 minutes
6. Store refrigerated from 2° to 8 °C

Note: make sure that the material used is previously sterilized or washed with distilled water and ethanol.

<http://www.probiotek.com/productos/reactivos/caldo-luria-luria-bertani-lb/>