

Product Information

LB Broth (Lennox)

Tablet, microbial growth medium

Catalog Number **L7275**

Store at Room Temperature

Product Description

LB (Luria-Bertini) broth is a widely used medium for growth and propagation of bacteria.¹⁻⁵ Several variations of LB broth are also used in bacteriology.⁵ The addition of NaCl at 5 g/L gives the LB broth variation known as LB Broth, Lennox.^{5,6}

The LB Broth Base Tablets are designed to allow fast and convenient preparation of small scale media. Each tablet makes 50 mL of media.

This product has been used in studies related to the SIRT3 promoter,⁷ ovarian gene expression,⁸ mouse studies of infection by *Salmonella typhimurium*,⁹ carbon and nitrogen fixation,¹⁰ phage titering,¹¹ and cloning of large microbial genomic sequences.¹²

Components

10 g/L	Enzymatic digest of casein (tryptone)
5 g/L	Yeast extract (low sodium)
5 g/L	Sodium chloride
<u>2 g/L</u>	Inert binding agents
22 g/L	Total solids

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Safety Data Sheet for information regarding hazards and safe handling practices.

Preparation Instructions

1. Add one tablet to 48.3 mL of deionized water.
2. Autoclave for 20 minutes at 121 °C.

There is no need to suspend the tablet in water before autoclaving.

References

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