



Product Information Sheet

L585 LB Broth Solution, Lennox L Modification

Properties

Form:	Liquid
Appearance:	Yellow to Tan Liquid
Application:	Bacterial Screening; Microbiology & Phytopathology
Solubility:	Miscible with Water
Typical Working Concentration:	1x
Storage Temp:	2 – 6° C
Other Information:	Sterile Filtered. Also known as Luria-Bertani Broth, or Lysogeny Broth.

Formula (mg/L)

Sodium Chloride	5,000
Tryptone	10,000
Yeast Extract	5,000

Application Notes

This broth is used to grow *Escherichia coli* for molecular biology applications. This is a rich broth that promotes rapid growth of pure cultures of recombinant strains.

References

- Lennox, ES. 1955. Transduction of linked genetic characters of the host by bacteriophage P1. *Virology*. 1:190-206.
- Luria, SE, and JW Burrous. 1955. Hybridization between *Escherichia coli* and *Shigella*. J. *Bacteriol.* 74:461-476.
- Luria, SE, JN Adams, and RC Ting. 1960. Transduction of lactose-utilizing ability among strain of *E. coli* and *S. dysenteriae* and the properties of the transducing phage particles. *Virology*. 12:348-390.
- Miller, JH 1972. *Experiment in molecular genetics*. Cold Spring Harbor Laboratory, Cold Spring Harbor, New York.
- Sambrook, J, EF Fritsch, and T Maniatis. 1989. *Molecular Cloning: A Laboratory Manual*, 2nd Edition. Cold Spring Harbor Laboratory, Cold Spring Harbor, New York.

PhytoTechnology Laboratories®

P.O. Box 12205; Shawnee Mission, KS 66282-2205

Phone: 1-888-749-8682 or 1-913-341-5343; Fax: 1-888-449-8682 or 1-913-341-5442

Web Site: www.phytotechlab.com

© 2011 PhytoTechnology Laboratories®