



Product Information Sheet

L543
LB Broth
Luria-Bertani Broth
Lennox L

Properties

Form:	Powder
Appearance:	Yellow to Cream Powder
Application:	Bacterial Screening
Solubility:	Water
Typical Working Concentration:	20.00 g/L
Storage Temp:	2 – 6° C
Other Notes:	

Formula

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

Application Notes

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

References

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- 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.

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PhytoTechnology Laboratories, LLC

P.O. Box 12205; Shawnee Mission, KS 66282-2205
Phone: 1-888-749-8682 or 913-341-5343; Fax: 1-888-449-8682 or 913-341-5442
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