



## Product Information Sheet

# L552 LB Agar Luria-Bertani Agar Lennox L

### Properties

Form:	Powder
Appearance:	Yellow to Cream Powder
Application:	Bacterial Screening
Solubility:	Water
Typical Working Concentration:	32.00 g/L
Storage Temp:	2 – 6° C
Other Notes:	This product should be suspended in water and heated to a boil prior to dispensing and autoclaving.

### Formula

Sodium Chloride	5,000
Agar	12,000
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

- 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.

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