

Product Information Sheet

L475 LB Broth Luria-Bertani Broth Miller Modification

Properties

Form:	Powder
Appearance:	Yellow to Cream Powder
Application:	Microbiology
Solubility:	Soluble in Water
Typical Working Concentration:	25.00 g/L
Storage Temp:	2 – 6° C
Other Notes:	pH 6.5 – 7.5

Formula (mg/L)

Sodium Chloride	10,000
Tryptone	10,000
Yeast Extract	5000

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

- 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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India Contact

Life Technologies (India) Pvt Ltd.

306, Agarwal City Mall, Road 44, Pitampura, Delhi - 110034 (India)

Tel: +91-11-4220-8000; 4220-8111; 4220-8222 Fax: +91-11-4220-8444, Mobile: +91-98105-21400

Email - customerservice@lifetechindia.com | customerservice@atzlabs.com