

LB Broth (Luria-Bertani Broth)

Catalog #:	340-004-101	500mL
	340-004-101CS	10 x 500mL
	340-004-1000	1000mL
	340-004-131CS	10 x 1000mL
	340-004-721	4 x 100mL
	340-004-721EA	100mL

Store at:	15°C to 30°C
Shipped at:	ambient temperature

Description

Quality Biological's (QBI) LB Broth is prepared from reagent grade sodium chloride (NaCl), tryptone, and yeast extract using QBI's Cell Culture Grade Water and adjusted to a pH of 7.3±0.1. The final product is sterile filtered through a 0.4 µm filter and sterilized by autoclaving.

Applications

- *Propagation of bacteriological stocks*

Quality Control*General*

All Quality Biological product for Molecular Biology are prepared according to standard published protocols.^{1,2} All products are subjected to a variety of quality control procedures, including pH and osmolality determinations in order to validate the product is within its specifications.

The test results of individual lots of LB Broth are available on the Quality Biological website.

All products sold by Quality Biological, Inc. are intended for research use only. This product has not been approved for diagnostic or IVD use.

References

1. Luria, S.E. & Burrous, J.W. (1957) *J. Bacteriol.*, **74**, 461-476.
2. Miller, J.H. (1972) *Experiments in Molecular Genetics*. Cold Spring Harbor Laboratory Press.
3. Sambrook, J., Fritsch, E.F. & Maniatis, T. (1989) *Molecular Cloning, A Laboratory Manual, 2nd Ed.* Cold Spring Harbor Laboratory Press.
4. Ausubel, F.M. et al., eds. (1993) *Current Protocols in Molecular Biology*. Greene Publishing Associates, Inc. in association with John Wiley & Sons, Inc.

Related Products**LB Agar 1.5% (Lennox)**

Catalog #	340-025-501	500mL
-----------	-------------	-------

LB Broth (Lennox)

Catalog #	340-016-101	500mL
	340-016-101CS	10 X 500mL

Cell Culture Grade Water, Ultra Pure

Catalog #	118-162-101	500mL
	118-162-101CS	10 x 500mL
	118-162-131	1000mL
	118-162-131CS	10 x 1000mL
	118-162-151	10 Liters
	118-162-161	20 Liters