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Gibco™

# LB Broth

**Catalog number:** 10855021**Related applications:** [Transformation](#)**Catalog Number****10855021**also known as 10855-021 [i](#)**Unit Size**

500 mL

**Price (USD)****Price:** 43.32**Your Price:** 28.46**Availability**Estimated availability date  
29-Aug-2023[Available alternatives](#)**Quantity**[Add to cart](#)[Save to list](#)

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also known as 10855-001

**Unit Size**

1 L

**Price (USD)****Price:** 57.25**Your Price:** 36.20**Availability**Estimated availability date  
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LB Broth (1X) is a ready-to-use liquid growth media used for bacterial culture. Our filter-sterilized LB Broth can be used for nearly all applications that require a liquid bacterial culturing step, such as protein expression, cloning, and expansion.

### LB Broth formulation

LB Broth is one of the most referenced bacterial media for cultivating and maintaining *Escherichia coli* (*E. coli*) strains. Our LB Broth is based on the Lennox formulation, one of the most commonly used formulations for LB medium. Formulation per one liter: 10 g SELECT Peptone 140, 5 g SELECT Yeast Extract, 5 g sodium chloride.

### Ready-to-use in optimized Gibco™ media bottles

Each bottle of LB Broth is filter-sterilized and ready-to-use in ergonomic Gibco™ media bottles with angled openings for simplified pipetting.

For Research Use Only. Not for use in diagnostic procedures.

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Species	Escherichia coli
Format	Bottle
Media Type	LB Broth (Lennox)
Preparation Method	Ready-to-Use
Product Type	Liquid Medium
Sterility	Sterile
Target Organism Class	Coliforms
Green Features	Sustainable packaging
Quantity	500 mL
Shipping Condition	Room Temperature

### Contents & Storage

- 500 mL LB Broth (1X)

Store at room temperature.

### Media Formulations

[LB Broth \(1X\) liquid](#)



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## Safety Data Sheets

[SDS](#)

## Scientific Resources

### Brochures



**GIBCO® Media Bottles - Green Fact Sheet**

## Frequently asked questions (FAQs)

What is the optimal pH of low salt LB for LB + blasticidin plates?

[Answer](#) [+](#)

What bacterial growth media should I use?

[Answer](#) [+](#)

What additional materials do I need for my transformation?

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