LB Broth
Instructions For Use

NAME

LB Broth

PRODUCT CODE

LBB-250

SPECIFICATION

Bottle of 250 g

MEDIUM PURPOSE

For the preservation and cultivation of Escherichia coli in molecular biology experiments.
(Molecular cloning experiment guide)

PREPARATION

Suspend 25.0 g in 1 L of distilled or deionized water. Dispense and autoclave it at 121 ℃ for 20min.

PRINCIPLE

Tryptone and yeast extract provide carbon source, nitrogen source, vitamins and minerals. Sodium chloride maintains a balanced osmotic pressure.

COMPOSITION

Composition	Amount (g/L)
Tryptone	10.0
Yeast Extract	5.0
Sodium Chloride	10.0
Final pH (25 ℃)	7.0±0.2

QUALITY CONTROL Incubate at 36±1 ℃ for 12 ~18 h.

Microorganism	Standard values
Escherichia coli ATCC 25922	Turbid broth, turbidity 2
Escherichia coli DH5 α	Turbid broth, turbidity 2
Escherichia coli DH5 αBNCC353845	Turbid broth, turbidity 2

STORAGE

Store in a dry place away from light, tighten the cap immediately after use.

WARNINGS & PRECAUTIONS

1. NOT for clinical use.
2. Do not use the product if it exhibits severe caking.
3. After use, all contaminated materials must be autoclaved at 121°C for 30 minutes and then disposed of.