LB Agar(Lennox)

Instructions For Use

NAME

LB Agar (Lennox)

PRODUCT CODE

LBA-251

SPECIFICATION

250g/bottle

PRODUCT USAGE

Used in molecular biology experiments that are sensitive to salt concentration and require high pH.

PREPARATION

Suspend 35.0 g in 1 L of distilled or deionized water. Heat with frequent agitation and boil to completely dissolve the powder. Autoclave it at 121 ℃ for 20min.

PRINCIPLE

Tryptone and yeast extract provide carbon source, nitrogen source, vitamins and minerals; sodium chloride maintains balanced osmotic pressure. Agar is the coagulant of culture medium.

COMPOSITION

Composition	Amount (g/L)
Tryptone	10.0
Yeast extract	5.0
Sodium chloride	5.0
Agar	15.0
Final pH (25℃)	7.5±0.2

PRODUCT PROPERTIES

Incubate at 36±1℃ for 12-18 h

Quality control strain and number	Quality control assessment standards
Escherichia coli ATCC 25922	PR≥0.7
Escherichia coli DH5α	PR≥0.7
Escherichia coli TOP10	PR≥0.7

STORAGE & SHELF LIFE

Store in a dry place away from light at room temperature, and tighten the bottle 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.