



Product Specifications

LB LENNOX AGAR

<u>Catalog #</u>	<u>Size</u>
IB49120	500gm
IB49121	2Kg
IB49122	10Kg

Physical Specifications

CAS# N/A
pH (@ 25°C) 7.0 ± 0.2
NOTE: Grams per liter may be adjusted to obtain desired performance.

Molecular Biology Specifications

Escherichia coli ATCC 23724 Growth
Escherichia coli ATCC 33694 Growth
Escherichia coli ATCC 33849 Growth
Escherichia coli ATCC 39403 Growth
Escherichia coli ATCC 47014 Growth
Escherichia coli ATCC 53868 Growth

Formula per Liter

- Casein Digest Peptone 10.0gm
- Sodium Chloride 5.0gm
- Yeast Extract 5.0gm
- Agar 15.0gm

Preparation

- Mix 35gm of the medium in 1L of purified water until evenly dispersed.
- Heat with repeated stirring, and boil for one minute to dissolve completely.
- Distribute and autoclave at 121.0°C for 15 minutes.

Recommended Use

IBI's LB Agar Lennox is used in molecular genetic studies. It is a nutritionally rich media for the growth and maintenance of pure cultures of recombinant strains of E.coli. The inclusion of casein peptone and yeast extract supply essential growth factors, such as nitrogen, carbon, sulfur, minerals, and vitamins. Sodium chloride also provides essential electrolytes. Agar is used as a solidification agent.

Storage

Store at room temperature. Keep tightly sealed. Protect from moisture and light.

Warning

Irritant. Irritating to the eyes, respiratory system, and skin. Wear suitable protective clothing, gloves, and eye/face protection. See Material Safety Data Sheet for additional information.