

PRODUCT INFORMATION

LB Agar (Lennox LB Agar)

Cat. No. L12-100



ALPHA[™]
BIOSCIENCES

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DESCRIPTION

LB Agar (Lennox LB Agar) is a nutritionally rich medium used primarily for the non-selective growth of various bacteria.

PREPARATION

Mix 35 grams of the medium in one liter of purified water and heat with repeated stirring to dissolve completely. Distribute and autoclave at 121°C for 15 minutes.

Formula* per Liter:

Enzymatic Digest of Casein	10.0g
Yeast Extract	5.0g
Sodium Chloride	5.0g
Agar	15.0g

Final pH: 7.0 ± 0.2 at 25°C

* Grams per liter may be adjusted or formula supplemented to obtain desired performance.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing and beige to light beige.
2. Visually the prepared medium is trace to slight haze and light amber.
3. Expected cultural response after 18-24 hours at 35°C.

Organism	Approx. Inoculum (CFU)	Growth
<i>Escherichia coli</i> ATCC® 23724	10-300	Very Good
<i>Escherichia coli</i> ATCC® 33694	10-300	Very Good
<i>Escherichia coli</i> ATCC® 33849	10-300	Very Good
<i>Escherichia coli</i> ATCC® 39403	10-300	Very Good

STORAGE

Store the sealed bottle containing the dehydrated medium at 2 to 30°C. Once opened and recapped, place the container in a low humidity environment at the same storage temperature. Protect it from moisture and light. The dehydrated medium should be discarded if it is not free flowing or if the color has changed from the original color.