PRODUCT INFORMATION

Your Smarter Culture Media Choice

ALPHA BIOSCIENCES

Luria Agar (Miller's LB Agar)
Cat. No. L12-111

Date of issue
1/20/15

DESCRIPTION

Luria Agar (Miller's LB Agar) is used for maintaining *Escherichia coli* in molecular genetic studies.

Formula* per Liter:

Tryptone	10.0g
Sodium Chloride	10.0g
Yeast Extract	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.*

PREPARATION

Mix 40 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring to dissolve completely. Distribute and autoclave at 121°C for 15 minutes.

QUALITY CONTROL SPECIFICATIONS

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

Organism:	**Result:**
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

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.

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