

PRODUCT INFORMATION

EMB Agar, Levine

Cat. No. E05-103



ALPHA[™]
BIOSCIENCES

Date of Issue:
10/01/17

DESCRIPTION

EMB (Eosin Methylene Blue) Agar, Levine is a selective and differentiating medium for isolation and identification of Gram-negative Enterobacteriaceae.

PREPARATION

Mix 37.5 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring and boil for one minute to dissolve completely. Distribute and autoclave at 121°C for 15 minutes.

Formula* per Liter:

Pancreatic Digest of Gelatin	10.0g
Dipotassium Phosphate	2.0g
Eosin Y	0.4g
Lactose	10.0g
Methylene Blue	0.065g
Agar	15.0g

Final pH: 7.1 ± 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 reddish- purple.
2. Visually the prepared medium to clear to trace hazy and reddish-purple with little or no precipitate.
3. Expected cultural response after 18-48 hours at 35°C.

Organism:

Escherichia coli ATCC® 11775
Escherichia coli ATCC® 25922
Escherichia coli ATCC® 35218
Salmonella typhimurium ATCC® 14028
Enterococcus faecalis ATCC® 29212

Result:

Growth, Blue-Black Colonies w/ Green Metallic Sheen
Growth, Blue-Black Colonies w/ Green Metallic Sheen
Growth, Blue-Black Colonies w/ Green Metallic Sheen
Growth, Clear Colonies
Partially inhibited

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.