PRODUCT INFORMATION

EMB Agar, Levine

Cat. No. E05-103

DESCRIPTION

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

FORMULA (g/L)

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

Final pH: 7.1 ± 0.2 at 25 ºC

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

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.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogenous, free flowing and reddish-purple.
2. Visually the prepared medium is clear to trace hazy and reddish-purple with little to no precipitate.
3. Expected cultural response after 18-48 hours at 35 ºC.

ORGANISM	RESULT
Escherichia coli ATCC 11775	Growth – Blue-black colonies w/ green metallic sheen
Escherichia coli ATCC 25922	Growth – Blue-black colonies w/ green metallic sheen
Escherichia coli ATCC 35218	Growth – Blue-Black colonies w/ green metallic sheen

3651 Clipper Mill Rd. · Baltimore, MD 21211 · Phone (410) 467-9983
www.alphabiosciences.com · info@alphabiosciences.com

Salmonella typhimurium ATCC 14028	Growth – Clear colonies
Enterococcus faecalis ATCC 29212	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.

3651 Clipper Mill Rd. · Baltimore, MD 21211 · Phone (410) 467-9983
www.alphabiosciences.com · info@alphabiosciences.com