

PRODUCT INFORMATION

Bile Esculin Agar

Cat. No. B02-106

DESCRIPTION

Bile Esculin Agar is used for isolating and presumptively identifying group D streptococci.

FORMULA (g/L)

Beef Extract	11.0 g	Pancreatic Digest of Gelatin	33.0 g
Oxbile	3.5 g	Esculin	1.0 g
Ferric Ammonium Citrate	15.0 g	Agar	33.0 g

Final pH: 6.6 ± 0.2 at 25 °C

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

PREPARATION

Mix 64 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 light beige.
2. Visually the prepared medium is trace to light haze and grayish yellow, opalescent.
3. Expected cultural response after 18-24 hours at 35 °C.

ORGANISM	RESULT
<i>Enterococcus faecalis</i> ATCC 19433	Good Growth – Black colonies
<i>Enterococcus faecalis</i> ATCC 29212	Good Growth – Black colonies
<i>Enterococcus faecalis</i> ATCC 33186	Good Growth – Black colonies
<i>Escherichia coli</i> ATCC 25922	Good Growth – Colorless no blackening
<i>Streptococcus pyogenes</i> ATCC 19615	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.

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