Product Name : Tryptone Bile Agar

Medium is used for the rapid detection and enumeration of *Escherichia coli.*

CONTENTS (G/L)

Peptone 20.0
Bile Salts 1.5
Agar 15.0
Final pH = 7.2 ± 0.2 at 25°C.

PROCEDURE

Suspend 36.5 G of powder in 1 L of distilled or deionized water. Heat until completely dissolved. Sterilize by autoclave at 121°C for 15 minutes. Cool at 45-50°C in water bath. Dispense in final container.

INTERPRETATION

Tryptone Bile Agar is a rapid detection and enumeration medium for *Escherichia coli.* This medium formulated by anderson and Baired-Parker is recommentded for the Direct Plating Method (DPM) of *Escherichia coli* produce indole on this medium.

TECHNIC

Inoculate the plates spreading the specimen on surface of the medium using a sterile loop. Incubate at 36 ± 1°C for 18-24 hours.

QUALITY CONTROL FOR USE

Dehydrated medium
Appearance: free flowing, homogeneous.
Color: beige.
Prepared medium
Appearance: clear.
Color: light beige.
Incubation conditions: 36 ± 1°C /18-24 hours.

Microorganism	ATCC	Growth	Indole
Escherichia coli	25922	good	positive
Enterobacter aerogenes	13048	good	negative
Klebsiella pneumoniae	13883	inhibited	-

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STORE

The powder is very hygroscopic. Store the powder at room temperature, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration are evident. Store prepared plates at 2-6℃.

REFERENCES

1. Anderson, J.M., Baird-Parker, A.C. (1975). Arapid and direct method for enumerating Eschericia coli biotype I in food. J. Appl. Bact. 39: 111-117.
2. Delaney, J.E., McCarthy, J.A. & Grasso, R.J. (1962). Measurement of E. coli type I by the membrane filter technique Wat. Sewage Wks. 109, 289.

PACKAGE

Tryptone Bile Agar Cat. No : MB-T2271	500 G

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