

Liquid E.coli & Coliform Chromogenic Medium (LECC)

Product No. ESM002

Intended Use

Used for the detection of Coliforms and *E.coli* by MPN method.

Specification 17.0 g (1000mL)

pH 7.2 ± 0.2 (25°C)

Additional Reagents

No

Directions

Suspend 1.70 g of the powder in 100 mL of distilled water. Heat with frequent agitation and boil to dissolve completely. Dispense 10mL into test tubes. Autoclave at 121°C for 15 minutes.

Precautions

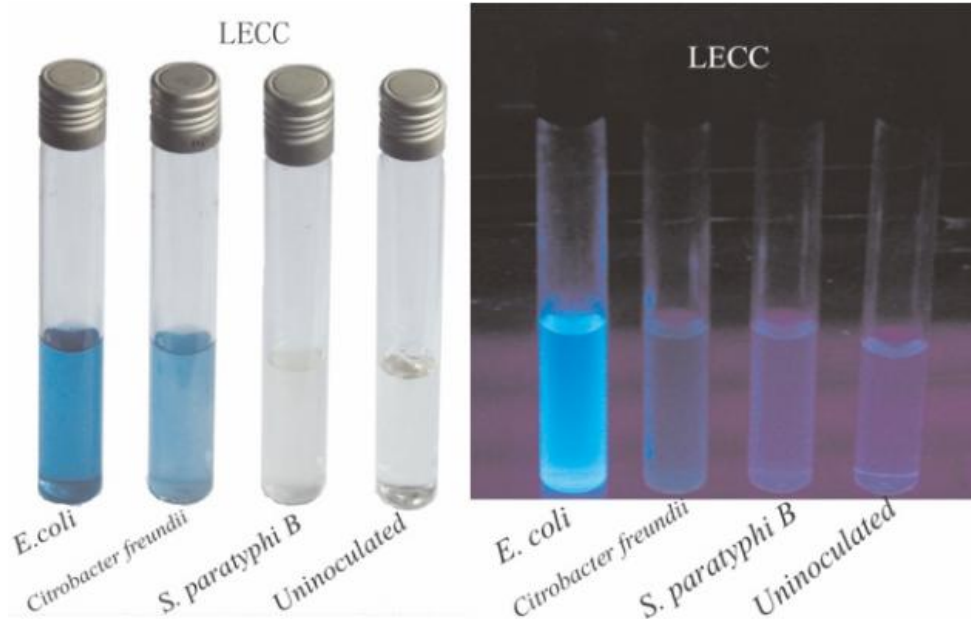
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Procedure

Sample preparation to be tested as instructed in the standard reference (GB, SN, ISO, FDA, etc.), then dispense the diluent in volumes as necessary for the preparation of the decimal dilutions into test tubes or flasks. Select 2~3 suitable dilutions, inoculate 1mL into the medium for three tubes each for each dilution. Incubate at 36±1°C for 18-24 hours, observe the results and check the MPN table.

Cultural Response

Microorganisms	Observation under Visible light	Observation under 366nm UV lamp
<i>E.coli</i>	Blue-green	fluorescence
Other <i>Coliform</i>	Blue-green	non-fluorescence
Others	Colorless	--



Storage Conditions

Keep container tightly closed and store in a cool dry place below 30°C.

The plates should be stored in the refrigerator at 2-8°C for one week in the dark.

Shelf Life

2 years.

Related Products

No

For laboratory use in industry or R&D purpose. Not for drug, household or other uses.