

E.coli O157 Chromogenic Medium

Product No. ESM007

Intended Use

Used for the isolation and enumeration of *E.coli* O157.

Specification 29.7 g (1000mL)

pH 7.2 ± 0.2 (25°C)

Additional Reagents

No

Directions

Suspend 2.97 g of the powder in 100 mL of distilled water. Heat with frequent agitation and boil to dissolve completely. Do not autoclave. Cool to approximately 50°C. Aseptically add additional reagents A and additional reagents B 0.5mL each, mix well and pour into the plates.

Precautions

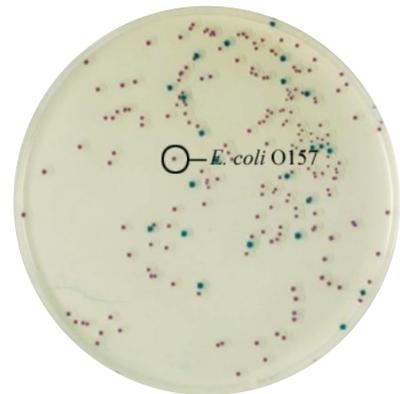
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Procedure

Sample preparation and enrichment culture for samples to be tested as instructed in the standard reference (GB, SN, ISO, FDA, etc.), then pick the enrichment liquid and inoculate it on the prepared medium plate. Incubate plates at 36±1°C in an aerobic atmosphere for 18-24 hours, or as instructed in the standard reference. Typical or suspected colonies are picked for further validation tests.

Cultural Response

Microorganisms	Colony color
<i>E.coli</i> O157	Light violet-red
Others	Colorless,blue-green,electric blue or non-growing



Storage Conditions

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

The additional reagents should be stored in the refrigerator at 2-8°C in the dark.

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

Shelf Life

2 years.

Related Products

Product No.	Product Name	Specification
PBE007	<i>E.coli</i> O157 Chromogenic Medium Plates	20 Plates

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