

## E.coli Chromogenic Agar (ECA)

**Product No.** ESM001

### **Intended Use**

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

**Specification** 41.6 g (1000mL)

**pH** 7.2 ± 0.2 (25°C)

### **Additional Reagents**

No

### **Directions**

Suspend 4.16 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 and pour into plates.

### **Precautions**

No

### **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**

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Microorganisms	Colony color
<i>E.coli</i>	Blue-green
Others	Colorless or non-growing



### 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

Product No.	Product Name	Specification
PBE001	E.coli Chromogenic Agar Plates	20 Plates

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