

## Coliform Chromogenic Agar

**Product No.** ESM004

### Intended Use

Used for the isolation and enumeration of *coliform*.

**Specification** 33.8 g (1000mL)

**pH**  $7.2 \pm 0.2$  (25°C)

### Additional Reagents

No

### Directions

Suspend 3.38 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

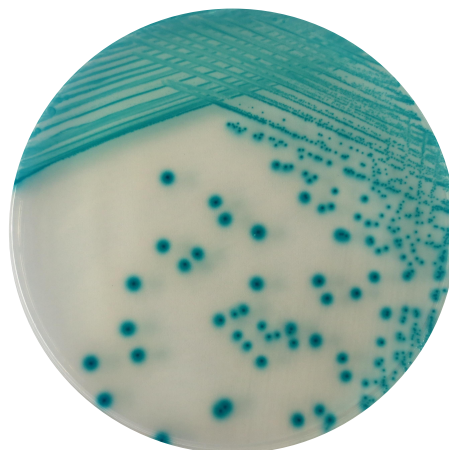
No

### Procedure

Sample preparation 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 onto the medium for two plates of each dilution. This medium can be used in spread or pour plate procedures or isolation by using calibrated loops. Incubate at  $36 \pm 1^\circ\text{C}$  for 18-24 hours, observe the results.

### Cultural Response

| Microorganisms  | Colony color             |
|-----------------|--------------------------|
| <i>Coliform</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 |
|-------------|----------------------------------|---------------|
| PBE004      | Coliform Chromogenic Agar Plates | 20 Plates     |

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