Bacillus cereus Chromogenic Medium

Product No. ESM013

Intended Use

Used for the isolation and identification of *Bacillus cereus*.

Specification 38.2 g (1000mL)

pH 7.2 ± 0.2 (25℃)

Additional Reagents

Supplement A (1 vial)
Supplement B (1 vial)

Directions

Suspend 38.2 g of the powder in 970 mL of distilled water. Heat with frequent agitation and boil to dissolve completely. Autoclave at 121℃ for 15 minutes. Cool to approximately 50°C.
Dissolve 1 vial of supplement A in 30 mL of sterile water, and vortex to mix for at least 10 minutes until it achieves a homogeneous emulsion. Autoclave at 121℃ for 15 minutes. Cool to approximately 50°C.
Add 1 vial of supplement B and dissolved supplement A to 970mL base. Mix thoroughly and pour into the plates.

Precautions

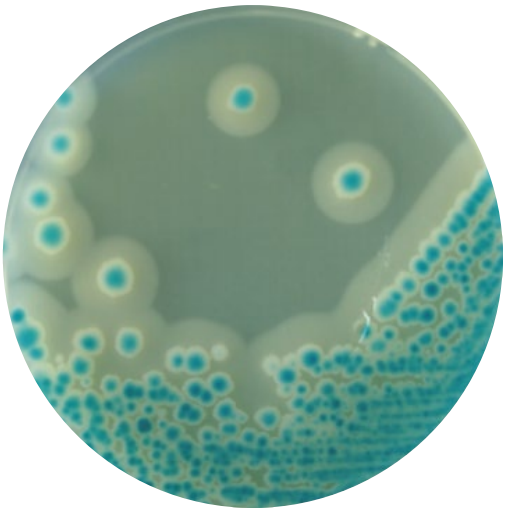
No

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

Microorganisms	Colony color
Bacillus cereus	The blue-green colonies with white halo
Others	Blue-green, colorless or non-growing



Storage Conditions

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

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

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

Shelf Life

2 years.

Related Products

Product No.	Product Name	Specification
PBE013	*Bacillus cereus* Chromogenic Medium Plates	20 Plates

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