

Chromogenic Cronobacter Isolation Agar (DFI)

Product No. ESM015A

Intended Use

Used for isolation and differentiation of *Cronobacter spp.*

Specification 43.1g (1000mL)

pH 7.3 ± 0.2 (25°C)

Additional Reagents

No

Directions

Suspend 43.1 g in 1 liter of distilled water and heat to boiling to dissolve completely. Autoclave at 121°C for 15 min and cool to 50°C and dispense into sterile petri dishes.

Precautions

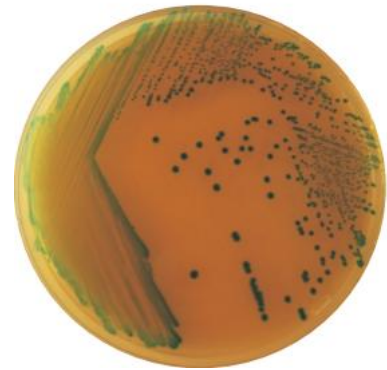
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Procedure

Sample preparation and *Cronobacter* enrichment culture for samples to be tested in accordance with corresponding standards, 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, and observe the results. Typical or suspected colonies are picked for further validation tests.

Cultural Response

Microorganisms	Colony color
<i>Cronobacter</i>	Blue-green colony
<i>Proteus mirabilis</i>	Colorless colony, without black center
<i>Bacillus vulgaris</i>	Pale yellowish-green to blue-green colonies, with or without black center, the medium around the colony turns brown
<i>Salmonella</i>	Colorless colony, with or without black center
<i>E.coli</i>	colorless
Others	colonies 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
ESM015B	Chromogenic Cronobacter Isolation Agar (DFI)	200g
GESM015B	Chromogenic Cronobacter Isolation Agar (DFI)	200g
PBE015	Chromogenic Cronobacter Isolation Agar (DFI) Plates	20 Plates

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