

IVD solutions through partnership



CHROMagar™ Cronobacter

Chromogenic Cronobacter Isolation (CCI) agar,
in accordance with ISO 22964 standard

A large circular inset image shows a petri dish with a light-colored agar surface. Numerous small, circular bacterial colonies are visible, appearing in shades of blue and yellow. The colonies are scattered across the surface, with some appearing in small clusters and others as individual points.

CHROMagar™
The Chromogenic Media Pioneer

● CHROMagar™ Cronobacter

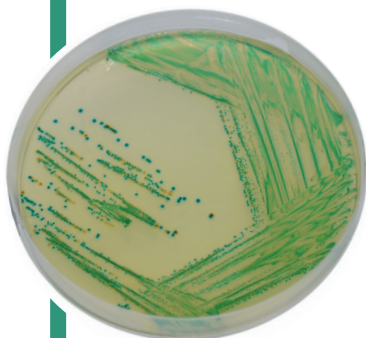
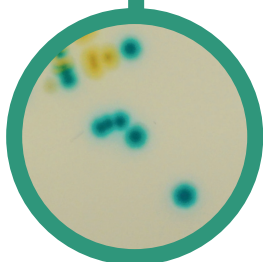


Plate Reading

- *Cronobacter* spp.
→ green to blue
- Other Gram (-)
→ colourless, clear green, black, yellow
- Gram (+) bacteria
→ inhibited



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Background

«Cronobacter is an ubiquitous telluric microorganism found in water, soil, plants, dust and many other living things. Cronobacter has been isolated from many foods of plant or animal origin, both dehydrated, smoked, frozen, fermented, raw and cooked.»

Extracts from ANSES, April 2017

CHROMagar™ Cronobacter is the Chromogenic Cronobacter Isolation (CCI) agar, manufactured in accordance with ISO 22964 standard.

Medium Performance

1

ISO 22964 Standard

CHROMagar™ Cronobacter is a chromogenic medium for detection of *Cronobacter* spp. in food, animal feed and environmental samples according to the ISO 22964 standard.

2

Intense green to blue colonies

Cronobacter spp. will grow in green to blue colonies while most other bacteria will be inhibited or grow in colourless colonies, after incubation at 41.5 °C for 24 h.

Medium Description

Powder Base	
Total	32.7 g/L
Agar	15.3
Casein Peptone	7.0
Yeast extract	3.0
Sodium chloride	5.0
5-bromo-4-chloro-3-indolyl- α -D-glucopyranoside	0.15
Sodium deoxycholate	0.25
Ammonium iron(III) citrate	1.0
Sodium thiosulfate	1.0
Storage at 15/30 °C - pH: 7.3 +/-0.2	
Shelf Life	2 years

Usual Samples	Food, animal feed, environmental samples.
Procedure	Appropriate pre-enrichment and enrichment steps. Streaking 10 μ L. Incubation 24 h at 41.5 °C Aerobic conditions.
Please read carefully the instructions for use (IFU document) available on www.CHROMagar.com	

Manufacturer:

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Ordering Information

Product	Order Code
CHROMagar™ Cronobacter dry media, 500 g	15MC122
CHROMagar™ Cronobacter ready to use plates, 20 pcs.	201433