

IVD solutions through partnership



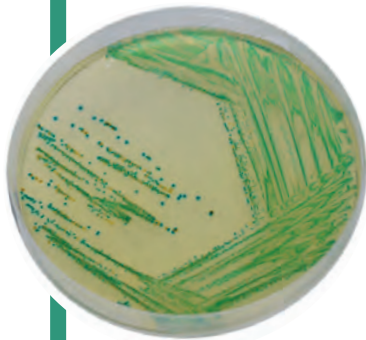
## CHROMagar™ Cronobacter

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

A large circular inset image shows a close-up of a petri dish containing a bacterial culture. The agar is a light beige color. Numerous small, circular colonies are visible, each exhibiting a distinct color: some are bright green, some are yellow, and some are a mix of green and yellow. The colonies are scattered across the surface, with some appearing in small clusters and others in isolation. The background of the entire page is a light gray with subtle, curved lines suggesting a laboratory or medical setting.

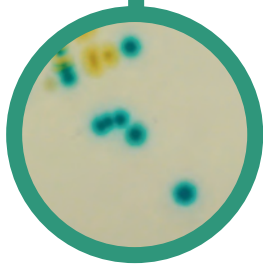
**CHROMagar™**  
The Chromogenic Media Pioneer

# ● CHROMagar™ Cronobacter



## Plate Reading

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



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

### 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- $\alpha$ -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 $\mu$ L. Incubation 24 h at 41.5 °C Aerobic conditions.
Please read carefully the instructions for use (IFU document) available on <a href="http://www.CHROMagar.com">www.CHROMagar.com</a>	

#### Manufacturer:

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#### Ordering Information

Product	Order Code
CHROMagar™ Cronobacter dry media, 5 liter	15MC122