

IVD solutions through partnership



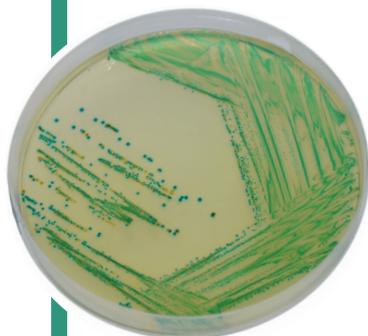
## CHROMagar™ Cronobacter

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, appearing in shades of teal and yellow. Some colonies are isolated, while others are in small clusters or streaks. The background of the entire page is a light grey with subtle, curved lines suggesting a laboratory or medical setting.

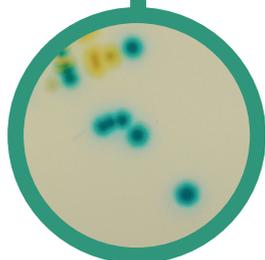
**CHROMagar™**  
The Chromogenic Media Pioneer

# ● 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:

CHROMagar  
4 place du 18 juin 1940 75006 Paris - France  
e-mail: [CHROMagar@CHROMagar.com](mailto:CHROMagar@CHROMagar.com)  
[www.CHROMagar.com](http://www.CHROMagar.com)

**Distributed by:**  
Mast Diagnostica GmbH  
Feldstraße 20  
DE-23858 Reinfeld

Tel: +49 (0)4533 2007 0  
Fax: +49 (0)4533 2007 68  
e-mail: [mast@mast-diagnostica.de](mailto:mast@mast-diagnostica.de)  
[www.mast-group.com](http://www.mast-group.com)

#### Ordering Information

Product	Order Code
CHROMagar™ Cronobacter dry media, 500 g	15MC1235
CHROMagar™ Cronobacter ready to use plates, 20 pcs.	201433