

IVD solutions through partnership



## CHROMagar™ Enterobacteria

For detection and enumeration of  
*Enterobacteriaceae*

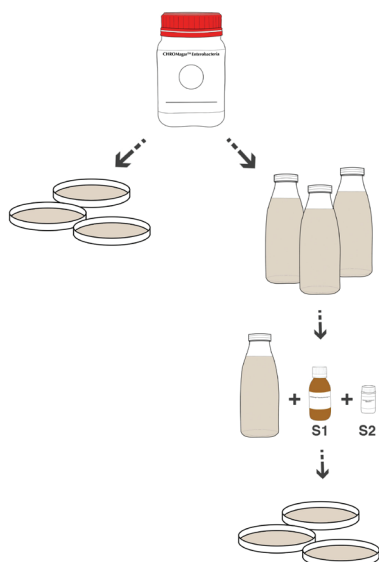
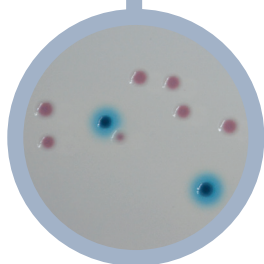
CHROMagar™  
The Chromogenic Media Pioneer

# ● CHROMagar™ Enterobacteria



## Plate Reading

- *E. coli*  
→ blue with or without blue halo
- Other *Enterobacteriaceae*  
→ pink to red
- Gram (+)  
→ inhibited



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## For detection and enumeration of *Enterobacteriaceae*

### Background

„The *Enterobacteriaceae* and coliform bacteria within this family represent two of the most common groups of indicator organism used by the food industry. In some countries, depending on regulatory requirements, the food industry has moved towards testing for *Enterobacteriaceae*.“  
ILSI Europe (International Life Sciences Institute)

The ISO 21528 specifies a method for the enumeration of *Enterobacteriaceae*, applicable to products intended for human consumption, feeding of animals, and environmental samples using VRBG as culture medium.

CHROMagar, in collaboration with Dr. Marco Agosti, has developed a medium that drastically reduces the workload of the laboratory compared to the very labour intense traditional VRBG.

CHROMagar™ Enterobacteria is a two-in-one medium, allowing for the detection and differentiation by the color of *E. coli* and other *Enterobacteriaceae*.

### Medium Performance

1

#### Easy differentiation between *E. coli* and other *Enterobacteriaceae*

Unlike with VRBG, with CHROMagar™ Enterobacteria you can easily differentiate *E. coli* from the rest of *Enterobacteriaceae* by the color.

2

#### Easy reading

The intense colored colonies on a clear agar background facilitate the reading, contrary to VRBG where the smoked background allows little contrast.

### Beschreibung des Mediums

Powder Base	Total .....	42.3 g/L	
	Agar .....	11.0	
	Peptones and yeast extract .....	22.0	
	Mineral salts .....	4.9	
	Chromogenic and selective mix .....	0.7	
	Growth factors .....	3.7	
	Storage at 15/30 °C - pH: 7.4 +/- 0.2		
	Shelf Life .....	2 years	
Optional Supplements for ready-to-use bottles (to be ordered separately)	1. Liquid form .....	1 mL/L	
	Storage at 2-8 °C	Shelf Life .....	2 years
	2. Powder form qs 500 mL.....	0,01 g/L	
	Storage at 2-8 °C	Shelf Life .....	2 years
Usual samples	Food, foodstuff, environmental samples		
Procedure	Pouring, streaking or spreading techniques. Incubation 24 h, 30 °C or 37 °C. Aerobic conditions.		
Scientific Publications on this product: available on <a href="http://www.CHROMagar.com">www.CHROMagar.com</a> Please read carefully the instructions for use (IFU document) available on <a href="http://www.CHROMagar.com">www.CHROMagar.com</a> .			

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### Ordering Information

Product	Order Code
CHROMagar™ Enterobacteria dry media, 5 Liter	15EB042
CHROMagar™ Enterobacteria ready to use plates, 20 pcs.	201426