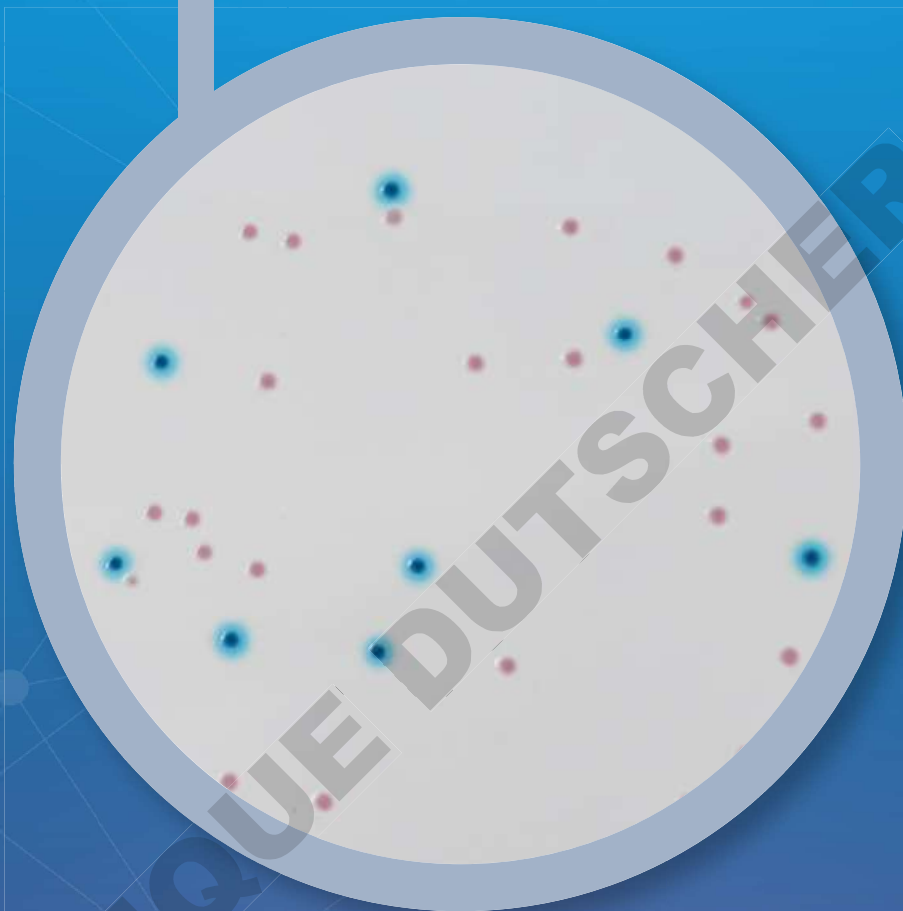


● CHROMagar™ Enterobacteria



**For detection and enumeration of
*Enterobacteriaceae***

● CHROMagar™ Enterobacteria

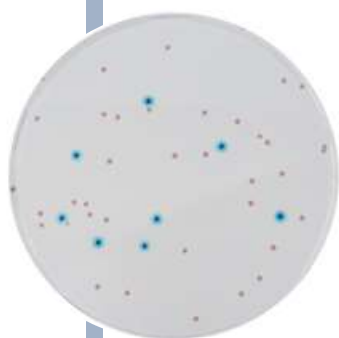
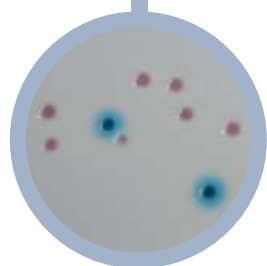


Plate Reading

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



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.

3 HIGH SENSITIVITY AND SPECIFICITY
leading to a higher detection rate of *Enterobacteriaceae*

Sensitivity: 100 % - Specificity: 100 %*

* Specificity and sensitivity from scientific study: "Validation of an alternative method of analysis for the ISO 21528" Laboratoire de Tourraine, 2018.

Medium Description

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	> 18 months

Usual Samples	Food products, animal feed, 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 www.CHROMagar.com
Please read carefully the instructions for use (IFU) document available on www.CHROMagar.com

Order References

Please use these product references when contacting your local distributor:

5000 mL pack EB042

Manufacturer: CHROMagar, 29 avenue George Sand,
93210 La Plaine Saint-Denis - France
Email: CHROMagar@CHROMagar.com
Website: www.CHROMagar.com
Find your nearest distributor on
www.CHROMagar.com/contact