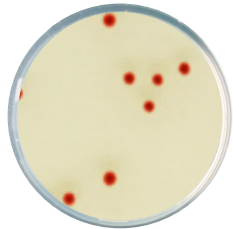


Detection, differentiation and enumeration of thermotolerant *Campylobacter*



## CHROMagar™ Campylobacter

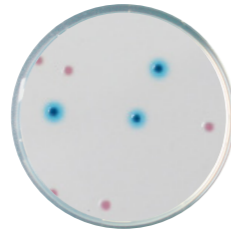


*Campylobacter* is a major cause of food-borne diarrheal diseases in humans and the most common bacterial cause of gastroenteritis around the world.

With CHROMagar™ Campylobacter, the detection of thermotolerant *Campylobacter* in red on a translucent agar facilitates the reading compared to traditional charcoal based agar where numeration is difficult.

Detection and enumeration of *Enterobacteriaceae*

## CHROMagar™ Enterobacteria

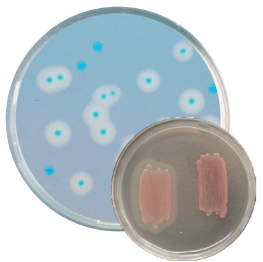


*Enterobacteriaceae* represents one of the most common groups of indicator organism used in the food industry.

CHROMagar™ Enterobacteria allows the detection and differentiation by the color of *E. coli* and other Enterobacteria.

Detection and differentiation of *Listeria monocytogenes* from other *Listeria* species

## CHROMagar™ Listeria Method

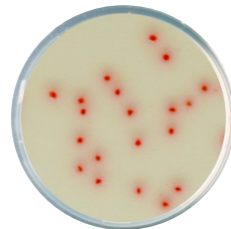


This method was designed to simplify and speed up the detection and numeration of *Listeria monocytogenes*.

With CHROMagar™ Listeria Method the workload is lighter and faster than ISO 11290 Method, and with the same accuracy.

Isolation and direct differentiation of *Clostridium perfringens*

## CHROMagar™ C.perfringens

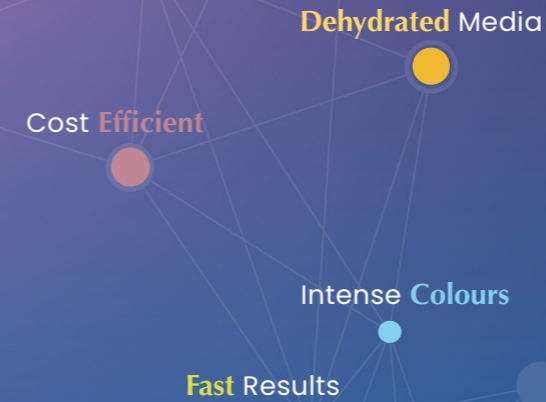


*Clostridium perfringens* is involved in food poisoning and animals infections. CHROMagar™ C.perfringens allows the detection and numeration of *Clostridium perfringens* in food and water samples.

CHROMagar™ C.perfringens can be used with pouring or surface methods, offering the latter a better performance than traditional media like TSC.

### CHROMagar Listeria Method versus ISO Method

- 1 plate vs 2
- 1 enrichment vs 2
- 1 confirmation test vs 8
- Negative results in 2 days vs 7
- Positive results in 3 days vs 11



All our products are available in **POWDER**

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# CHROMagar™

The Chromogenic Media Pioneer

[www.CHROMagar.com](http://www.CHROMagar.com)

CHROMagar, 4 place du 18 juin 1940 75006 Paris, FRANCE  
For more information about our products, please refer to our website / Technical Documents.

Version 8.0 - Jul-22  
LF-EXT-025  
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## CHROMagar™ Solutions For Food Microbial Q.C

# CHROMagar™

The Chromogenic Media Pioneer

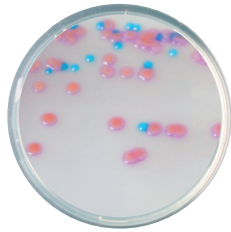
## Isolation and direct differentiation of *Staphylococcus aureus*



### CHROMagar™ Staph aureus

*Staphylococcus aureus* is a major pathogenic bacterium found in food industry.

Mannitol fermentation based traditional media lead to many false positives and false negatives. CHROMagar™ Staph aureus has unrivalled sensitivity and specificity for detecting *S. aureus* after 24 hours. This obviates the need for many useless catalase and latex agglutination tests on non-*S. aureus* strains.



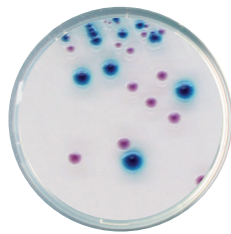
## Detection of Shiga-Toxin producing *E. coli* (STEC)



### CHROMagar™ STEC

In many cases, laboratories have limited their search for pathogenic *E. coli* to the common O157 serotype, due to the fact that there were no available selective culture media for non-O157 *E. coli*.

CHROMagar™ STEC is designed to fill this gap: detection, as mauve colonies, of not only the classical STEC O157, but also many other serotypes. It is an excellent tool for a large number of samples screening procedures.



#### Only looking for *E. coli* O157 ?

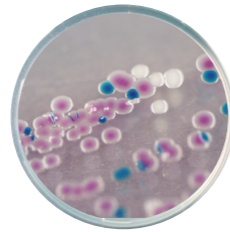
Contrary to Sorbitol Mac Conkey agar which requires an expert eye to distinguish sorbitol-negative colonies among the bacterial flora, **CHROMagar™ O157** simplifies this task: *E. coli* O157 grows in a strong **mauve** colour while other *E. coli* remain blue. It exhibits a high sensitivity/specificity and allows a rapid detection diagnostic, in only a 24 hour incubation period.

## Isolation and detection of *V. parahaemolyticus*, *V. vulnificus* and *V. cholerae*

### CHROMagar™ Vibrio

Among *Vibrio* species, *V. cholerae*, *V. vulnificus*, and *V. parahaemolyticus* represent a serious health hazard if found in food and water.

Unlike TCBS agar, these 3 species are easily differentiated in CHROMagar™ Vibrio, by a different intense colony colour. The performance of this medium remains unrivalled.



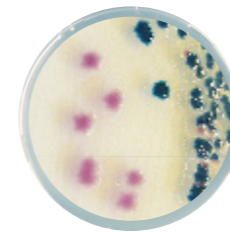
## Detection and direct differentiation of pathogenic *Yersinia enterocolitica*



### CHROMagar™ Y. enterocolitica

*Yersinia enterocolitica* is one of the most common food borne pathogens.

With CHROMagar™ Y. enterocolitica, the pathogenic strains are immediately differentiated from other bacteria by a distinctive colony colour. The laboratory will then concentrate its efforts and resources only on suspect colonies that have a real potential of pathogenicity.

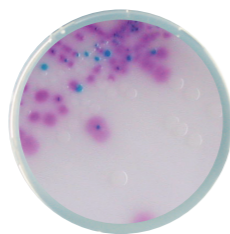


## Detection and isolation of *Salmonella* species including *S. Typhi*, *S. Paratyphi* and lactose positive *Salmonella*

### CHROMagar™ Salmonella Plus

The ISO 6579 for *Salmonella* testing is a direct result of the growing incidence of lactose positive *Salmonella* spp. isolated from cases of food poisoning.

CHROMagar™ Salmonella Plus has been developed to meet the requirements of ISO 6579 and provides clear, easily visible identification of *Salmonella* spp. including: lactose positive *Salmonella*, *S. Typhi* and *S. Paratyphi*.

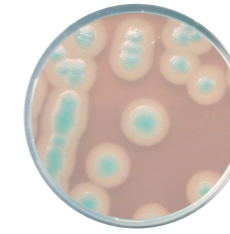


## Detection and enumeration of *Bacillus cereus* group

### CHROMagar™ B. cereus

*Bacillus cereus* food poisoning is frequently associated with ready-to-eat products. The bacterium has been isolated from dried beans and cereals, and from dried foods such as spices, seasoning mixes and potatoes.

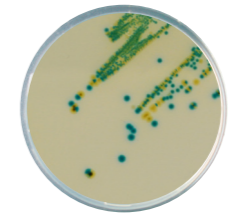
On CHROMagar™ B. cereus, the intense blue coloured colonies surrounded by a halo on a translucent agar facilitates the reading compared to traditional Mannitol based agar which displays red colonies on pink agar.



## ISO Standardized Media

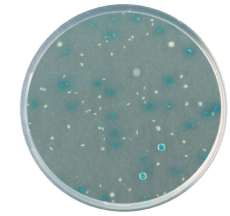
### CHROMagar™ Cronobacter

For detection of *Cronobacter* spp. according to the ISO 22964 standard requirements



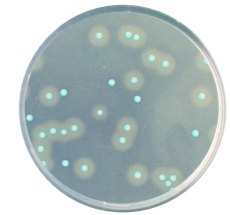
### CHROMagar™ TBX

For detection and enumeration of  $\beta$ -glucuronidase positive *E. coli* according to the ISO 16649



### CHROMagar™ AOLA

For detection, enumeration and isolation of *Listeria monocytogenes* according to the ISO 11290



### CHROMagar™ CCA

For simultaneous detection and enumeration of *E. coli* and other coliforms in water samples according to the ISO 9308-1

