

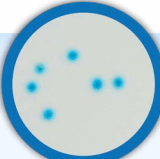
THE WIDEST RANGE OF CHROMOGENIC MEDIA FOR COLORFUL SPECIFIC MICROBIAL DIFFERENTIATION

CHROMagar™
The Chromogenic Media Pioneer

OUR SOLUTIONS FOR WATER TESTING



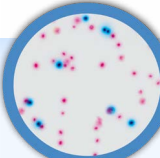
**CHROMagar™
E.coli** For detection and enumeration of *E. coli*



<i>E. coli</i> Blue	Gram (+) bacteria Inhibited Other gram (-) bacteria Colorless
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**CHROMagar™
ECC** For the simultaneous detection and enumeration of *E. coli* and other coliforms

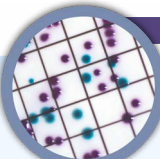
EXCLUSIVE



<i>E. coli</i> Blue Other coliforms Mauve	Other bacteria Colorless or inhibited
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**CHROMagar™
Liquid ECC** For the simultaneous detection and enumeration of *E. coli* and other coliforms in water samples

SENSITIVITY 99%¹³ SPECIFICITY 96%¹³



<i>E. coli</i> Blue	Other coliform bacteria Purple Other gram (-) bacteria Colorless or inhibited
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**AquaCHROM™
ECC** For presence/absence of *E. coli* and coliforms in water samples

100 ml water samples.
It can be used in **two ways**:

- 1** Presence or absence determined by staining the culture medium.
- 2** MPN method, which measures the bacterial load.

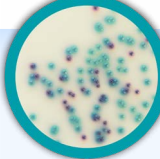
SENSITIVITY ≈100%¹⁴ SPECIFICITY ≈100%¹⁴



**PERFORMANCE TESTED
AOAC
RESEARCH INSTITUTE
LICENSE NUMBER 072202**

<i>E. coli</i> Blue to green	Other coliforms Yellow
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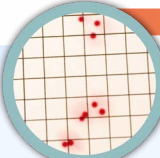
**CHROMagar™
Pseudomonas** For isolation and detection of *Pseudomonas* species



<i>Pseudomonas</i> including <i>P. aeruginosa</i> Blue-green	Other gram (-) Mauve-violet or inhibited Gram (+) bacteria Mostly inhibited
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**CHROMagar™
P.aeruginosa** For detection of *Pseudomonas aeruginosa* in water samples

COMING SOON



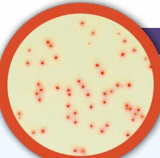
<i>P. aeruginosa</i> Red	Other gram (-) Colorless or inhibited
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OUR SOLUTIONS FOR FOOD INDUSTRY



**CHROMagar™
C.perfringens** For isolation and differentiation of *Clostridium perfringens*

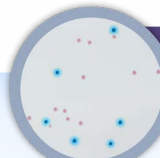
EXCLUSIVE



SENSITIVITY ≈100%¹¹ SPECIFICITY ≈100%¹¹

<i>Clostridium perfringens</i> Orange	Other bacteria Blue, metallic blue or inhibited
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**CHROMagar™
Enterobacteria** For detection and enumeration of *Enterobacteriaceae*



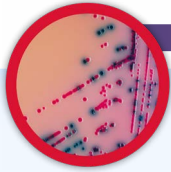
SENSITIVITY ≈100%¹² SPECIFICITY ≈100%¹²

<i>E. coli</i> Blue with/without blue halo <i>Proteus</i> Red with swarming	Other enterobacteriaceae Pink to red Other bacteria Inhibited
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**Rambach™
Agar**

For detection and isolation of *Salmonella* species



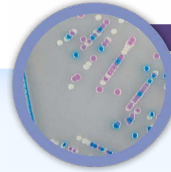
SENSITIVITY **93,9%**¹

Salmonella
Red

Coliforms
Blue, violet

**CHROMagar™
O157**

For the selective isolation and differentiation of *E. coli* O157



SENSITIVITY **89%**²

E. coli O157
Mauve

Other *bacteria*
Metallic blue,
colorless or inhibited

**CHROMagar™
Vibrio**

For isolation and detection of *V. parahaemolyticus*, *V. vulnificus* and *V. cholerae*



SENSITIVITY **~100%**³

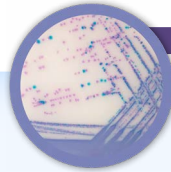
V. parahaemolyticus
Mauve
V. alginolyticus
Colourless

V. vulnificus /
V. cholerae
Green blue to
turquoise blue

**RambaQUICK™
Salmonella Method**

**CHROMagar™
Salmonella Plus**

For detection and isolation of *Salmonella* species including lactose positive *Salmonella*



SENSITIVITY **89%**⁴

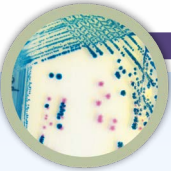
Salmonella
Mauve

Coliforms
Blue

E. coli
Colorless

**CHROMagar™
Y. enterocolitica**

For detection and differentiation of pathogenic *Yersinia enterocolitica*



SENSITIVITY **~100%**⁵ SPECIFICITY **99%**⁵

Pathogenic
Y. enterocolitica
Mauve

Non-pathogenic
Y. enterocolitica
and other *bacteria*
Inhibited, limited
growth or metallic blue



EXCLUSIVE



**RambaQUICK™
Salmonella**

To enhance sensitivity in the detection of *Salmonella* species, including *S. Typhi*, *S. Paratyphi*, and lactose-positive strains

**CHROMagar™
Staph aureus**

For isolation and direct differentiation of *Staphylococcus aureus*



SENSITIVITY **95,4%**⁶ SPECIFICITY **99,4%**⁶

Staphylococcus aureus
Pink to mauve

Other *bacteria*
Colorless, blue or
inhibited

**CHROMagar™
STEC**

For detection of Shiga toxin-producing *E. coli* (STEC)



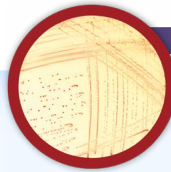
SENSITIVITY **91,4%**⁷ SPECIFICITY **86,7%**⁷

Most common *STEC*
serotypes
Mauve

Other
enterobacteriaceae
Colorless, blue or
inhibited

**CHROMagar™
Campylobacter**

For detection, differentiation and enumeration of thermotolerant *Campylobacter*



SENSITIVITY **~100%**⁸ SPECIFICITY **94%**⁸

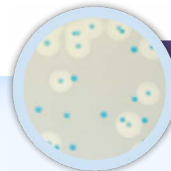
Campylobacter jejuni, *C. coli*, *C. lari*
Red

Other *bacteria*
Blue or inhibited

**CHROMagar™
Listeria Method**

**CHROMagar™
Listeria**

For detection, differentiation, enumeration and confirmation of *Listeria monocytogenes* from other *bacteria*

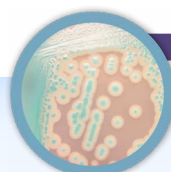


SENSITIVITY **~100%**⁹ SPECIFICITY **~100%**⁹

L. monocytogenes
Blue, diameter less than 3 mm, regular and
white halo

**CHROMagar™
B. cereus**

For detection and enumeration of *Bacillus cereus* group



SENSITIVITY **~100%**¹⁰ SPECIFICITY **~100%**¹⁰

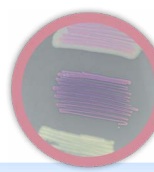
Bacillus cereus group
Blue with white halo

Gram (-) *bacteria*,
yeast and *moduls*
Inhibited

Other *Bacillus*
Blue, colorless or
inhibited



EXCLUSIVE



**CHROMagar™
Identification Listeria**

For confirmation of positive samples from CHROMagar™ Listeria

L. monocytogenes
Pink with a white
halo

L. ivanovii
Colorless with
white halo

L. innocua
Pink without halo

¹ Gruenewald, R. et al. 1991. J.C.M. 29: 2354-2356. ² Bettelheim, 1998. J. Appl. Microbiol. ³ Di Ponto et al., 2010. Food Control. ⁴ de Beaumont et al. 2006. ECCMID. ⁵ Renaud et al., 2013. J. Clin. Microbiol. ⁶ Gaillot et al., 2000. J. Clin. Microbiol. ⁷ Gouali et al., 2013. Eur. J. Clin. Microbiol. ⁸ Bensersa-Nedjar et al., 2017. RICAI. ⁹ CHROMagar Listeria Method Validation Report, 2003. ¹⁰ Enumeration medium of presumptive *Bacillus cereus*, Report, 2011. Adria Normandie. ¹¹ Hustà et al., 2020. Anaerobe. ¹² CHROMagar Enterobacteria for enumeration, 2018. Laboratoire de Touraine. ¹³ Ho & Tam et al., 1997. Wat. Sci. Tech. ¹⁴ Lerner et al., 2013. ASM.