THE WIDEST RANGE OF **CHROMOGENIC MEDIA** FOR
**COLORFUL SPECIFIC MICROBIAL DIFFERENTIATION**

CHROMagar™
The Chromogenic Media Pioneer

## OUR SOLUTIONS FOR **CLINICAL MICROBIOLOGY**

EXCLUSIVE

### CHROMagar™ Candida Plus

For detection and differentiation of major clinical *Candida* species, including *C. auris*

SENSITIVITY ≈ 100%[1] SPECIFICITY ≈ 100%[1] CE IVD

- ***C. auris*** Light blue with blue halo
- ***C. tropicalis*** Metallic blue with pink halo
- ***C. glabrata*** Mauve
- ***C. albicans*** Green-blue
- ***C. krusei*** Pink and fuzzy

### CHROMagar™ Salmonella

For detection and isolation of *Salmonella* species, including S. Typhi and S. Paratyphi

SENSITIVITY 95%[3] SPECIFICITY 88,9%[3] CE IVD

- ***Salmonella*** including ***S. Typhi*** Mauve
- Other **bacteria** Blue, colorless or inhibited

EXCLUSIVE

### CHROMagar™ STEC

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

SENSITIVITY 91,4%[5] SPECIFICITY 86,7%[5] CE IVD

- Most common **STEC serotypes** Mauve
- Other ***enterobacteriacae*** Colorless, blue or inhibited

### CHROMagar™ C.difficile

For detection of *Clostridioides difficile*

SENSITIVITY 95,4%[7] SPECIFICITY 88,9%[7] CE IVD

- ***C. difficile*** Colorless and fluorescent under UV light at 365nm
- Other **bacteria** Colorless, not fluorescent or inhibited

EXCLUSIVE

### CHROMagar™ StrepA

For screening of Group A *Streptococci* in throat samples

SENSITIVITY 96,7%[8] SPECIFICITY ≈ 100%[8] CE IVD

- **Group A *Streptococcus*** Orange to red
- Other **oral *Streptococci*** Colorless or blue

### CHROMagar™ Staph aureus

For isolation and direct differentiation of *Staphylococcus aureus*

SENSITIVITY 95,4%[10] SPECIFICITY 99,4%[10] CE IVD

- ***Staphylococcus aureus*** Pink to mauve
- Other **bacteria** Colorless, blue or inhibited

### CHROMagar™ Orientation

For isolation and differentiation of urinary tract pathogens

SENSITIVITY ≈ 100%[2] SPECIFICITY 98%[2] CE IVD

- ***E. coli*** Dark pink to reddish
- ***Klebsiella, Enterobacter, Serratia*** Metallic blue
- ***Pseudomonas aeruginosa*** Translucide, cream to blue
- ***Enterococcus*** Turquoise blue
- ***S. aureus*** Golden, opaque, small
- ***Citrobacter*** Metallic blue with red halo
- ***S. saprophyticus*** Pink, opaque, small
- ***Candida albicans*** Colorless
- ***Streptococcus agalactiae*** Light blue
- ***Proteus*** Brown halo

EXCLUSIVE

### CHROMagar™ Y.enterocolitica

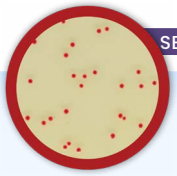
For detection and differentiation of pathogenic *Yersinia enterocolitica*

SENSITIVITY ≈ 100%[4] SPECIFICITY 99%[4] CE IVD

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

### CHROMagar™ Campylobacter

For detection, differentiation and enumeration of thermotolerant *Campylobacter*



SENSITIVITY ≈ 100%[6] SPECIFICITY 94%[6] CE IVD

- ***Campylobacter jejuni, C. coli, C. lari*** Red
- Other **bacteria** Blue or inhibited

**LIM RambaQUICK™ StrepB Method**

### CHROMagar™ StrepB

For the isolation and differentiation of Group B *Streptococcus* (*S. agalactiae*)

SENSITIVITY 94%[9] SPECIFICITY ≈ 100%[9] CE IVD

- **Group B *Streptococcus*** Mauve
- Other **Microorganisms** Blue, colorless or inhibited

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CHROMagar™ StrepB can be used alone or with the method.

EXCLUSIVE

### LIM RambaQUICK™ StrepB

Selective enrichment broth for Group B *Streptococcus* (GBS) screening

CE IVD

# OUR SOLUTIONS FOR **CLINICAL MICROBIOLOGY**

EXCLUSIVE

## CHROMagar™ Serratia

For detection of *Serratia marcescens*

SENSITIVITY ≈ 100%[11] SPECIFICITY 97%[11]

CE IVD

***S. marcescens***
Green-blue to metallic blue

Other **bacteria**
Mostly inhibited, red or colorless

EXCLUSIVE

## CHROMagar™ B.cepacia

For detection and enumeration of *Burkholderia cepacia* complex (BCC)

SENSITIVITY ≈ 100%[12] SPECIFICITY 95%[12]

CE IVD

***Burkholderia* spp.**
Blue + / - blue halo

# OUR SOLUTIONS FOR **DRUG RESISTANT BACTERIA DETECTION**

## CHROMagar™ MRSA

For isolation and differentiation of methicillin-resistant *Staphylococcus aureus* (MRSA)

SENSITIVITY 95,6%[13] SPECIFICITY ≈ 100%[13]

CE IVD

MRSA
Pink to mauve

Other **bacteria**
Blue, colorless or inhibited

Methicillin susceptible *Staphylococcus aureus*
Inhibited

## CHROMagar™ mSuperCARBA™

For detection and isolation of Carbapenem resistant *Enterobacteriaceae* (CRE)

SENSITIVITY ≈ 100%[14] SPECIFICITY ≈ 100%[14]

CE IVD

**CRE *E. coli***
Dark pink to reddish

**CRE *coliforms***
Metallic blue

Other **gram (-) CRE**
Colorless

Other **gram (-) non-CRE**
Mostly inhibited

## CHROMagar™ VRE

For detection of Van A/Van B VRE. *faecalis* & VRE. *faecium*

SENSITIVITY 95,5%[15] SPECIFICITY 90,4%[15]

CE IVD

***VRE. Faecalis* / *VRE. faecium***
Pink to mauve

Other **bacteria**
Inhibited

***E. gallinarum* / *E. casseliflavus***
Blue or inhibited

EXCLUSIVE

## CHROMagar™ Acinetobacter

For detection of *Acinetobacter* species and multidrug-resistant *Acinetobacter* (MDR-A)

SENSITIVITY ≈ 100%[16] SPECIFICITY 99,9%[16]

CE IVD

***Acinetobacter* spp.**
Red

Other **gram (-)**
Blue or mostly inhibited

## CHROMagar™ COL-*APSE*

For detection of colistin-resistant gram-negative bacteria

SENSITIVITY ≈ 100%[17] SPECIFICITY 81%[17]

CE IVD

**COL-R *E. coli***
Dark pink to reddish

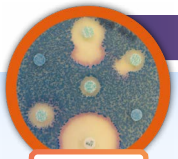
**COL-R *Acitenobacter***
Cream, opaque

**COL-R *Klebsiella, Enterobacter, Citrobacter, Serratia***
Metallic blue

**COL-R *Pseudomonas***
Traslucent cream to green

## CHROMagar™ MH Orientation

Chromogenic Mueller Hinton agar



RESEARCH USE ONLY

CONCORDANCE WITH STANDARD PROCEDURE 94,8%[18]

***E. coli***
Dark pink to reddish

***Enterococcus***
Turquoise blue

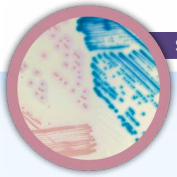
***Proteus***
Cream, opaque

***Klebsiella, Enterobacter, Citrobacter***
Metallic blue

EXCLUSIVE

## CHROMagar™ LIN-R

For detection and differentiation of gram (+) bacteria resistant to linezolid



SENSITIVITY 95,4%[19] SPECIFICITY 99,4%[19]

CE IVD

**LZD-R *S. aureus***
Pink

**LZD-R *Enterococcus***
Metallic blue

**LZD-R *S. epidermidis***
Pink

## CHROMagar™ ESBL

For overnight detection of gram-negative bacteria producing Extended Spectrum Beta-Lactamase

SENSITIVITY ≈ 100%[20] SPECIFICITY 97%[20]

CE IVD

***E. coli* ESBL**
Dark pink to reddish

***Proteus* ESBL**
Brown halo

***Klebsiella, Enterobacter, Citrobacter* ESBL**
Metallic blue +/- red halo


[1] Mulet Bayona et al., 2022. J. of Fungi. [2] Huang et al., 2001. Chinese Med. J. [3] Merlino et al. 1996. J. Clin. Microbiol. [4] Renaud et al., 2013. J. Clin. Microbiol. [5] Gouali et al., 2013. Eur. J. Clin. Microbiol. [6] Bensersa-Nedjar et al., 2017. RICAI. [7] Roux et al., 2014. ASM Poster. [8] Gaskin et al., 2019. ASM Microbe. [9] Salem & Anderson, 2015. Pathology. [10] Gaillot et al., 2000. J. Clin. Microbiol. [11] Gaskin et al., 2020. ECCMID. [12] Massoti et al., 2021. RICAI poster. [13] Loulergue et al. 2006. Eur. J. Clin. Microbiol. Infect. Dis. [14] Garcia-Fernandez et al., 2017. Diagn. Micr. Infect. Dis. [15] Miller et al. 2011. CACMID. [16] Gaillot et al., 2010. ICAAC. [17] Abdul Momin et al., 2017. J. Med Microbiol. [18] Cercenado et al., 2009. ECCMID. [19] F. Layer et al., 2021. Diagn. Micr. Infect. Dis. [20] Laudat et al., 2010. SFM.



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