

## chromID™ MRSA

Chromogenic medium for the rapid & reliable Screening of Methicillin-Resistant *S.aureus* (MRSA)

# Isolate MRSA Colonies & Start Patient Isolation

**chromID™**  
by bioMérieux

# Isolate MRSA Colonies & Start Patient Isolation

chromID™ MRSA has been designed for the direct and definitive identification of Methicillin-resistant *Staphylococcus aureus*. It helps healthcare units actively reinforce MRSA surveillance culture and control healthcare-associated infections.

## Original Principle ↩

Direct identification of MRSA strains is based on the spontaneous **green colouration** of  $\alpha$ -glucosidase-producing colonies (patent) and the presence of an antibiotic, **cefoxitin**.

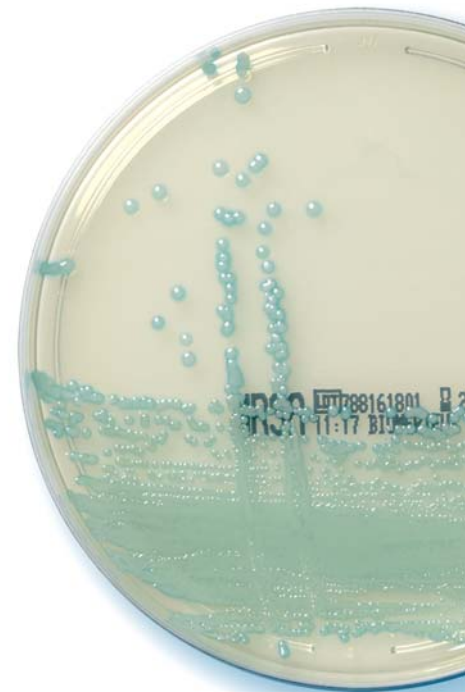
## Greater Rapidity ↩

Immediate identification of *S.aureus* = **Green colonies** after 18-24 hour incubation; no additional reagents are required\*

## Greater Simplicity ↩

- **Extremely easy-to-read**
  - Ready-to-use medium
- Specific chromogenic media for MRSA
  - Culture + isolation + identification on the same medium

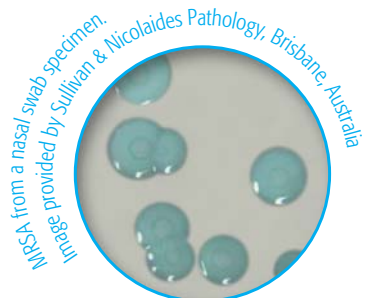
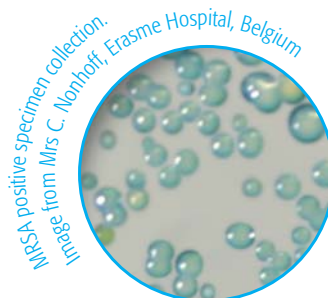
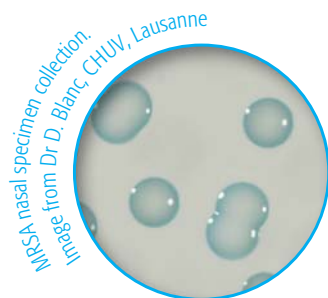
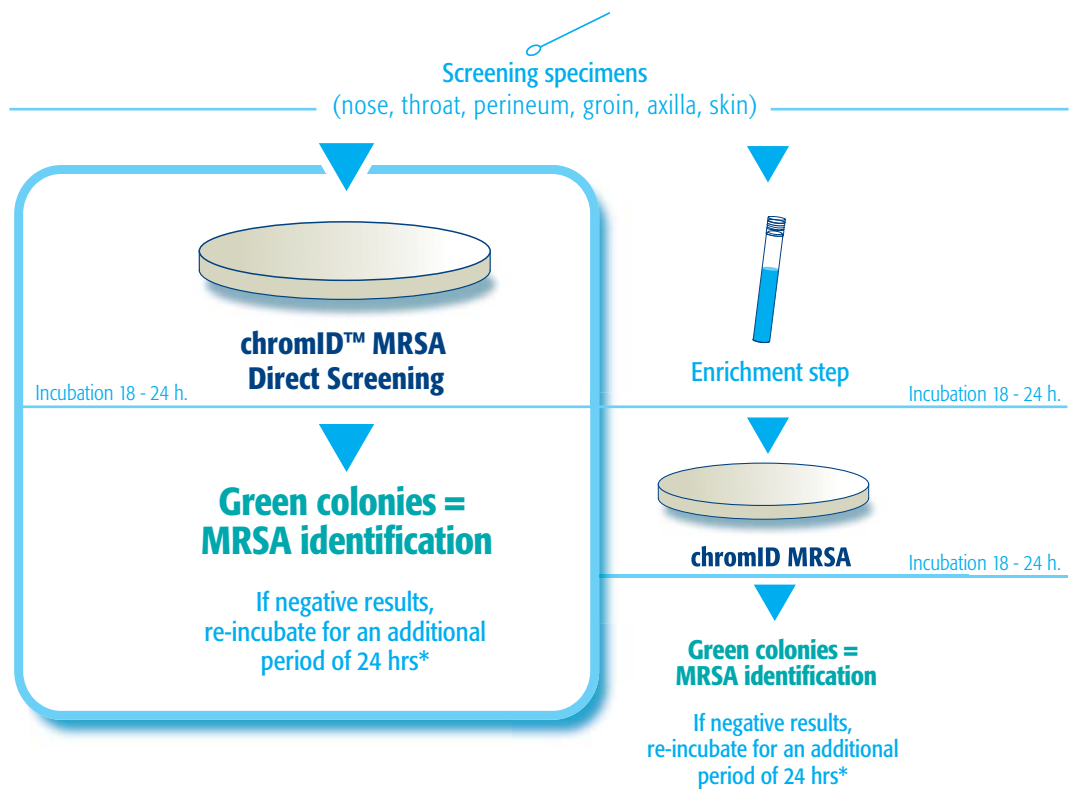
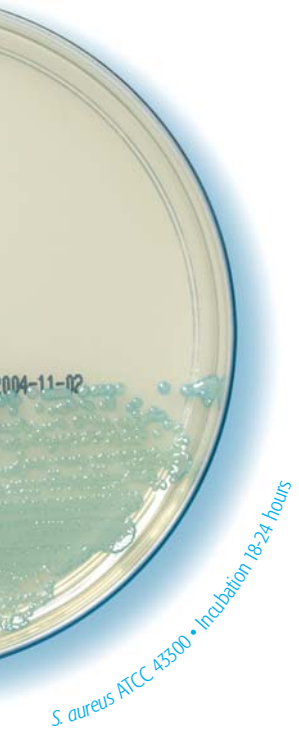
Stronger green colouration of colonies when plates read upside down through the plate bottom.





## ➔ Greater Reliability

- **Excellent performance** for the screening of MRSA in terms of nutrient capacity, **detection sensitivity** and **colouration specificity**
- Detection of MRSA strains, including hetero-resistant strains, with the presence of **cefoxitin**
  - **Selective inhibition** of most bacteria not belonging to the genus *Staphylococcus*, as well as yeasts.





# chromID™ Range

Pre-plated Chromogenic Media for the Screening of Multidrug-Resistant Organisms

**chromID MRSA** .....Ref 43451 – 20 plates / Ref 43459 – 100 plates  
New name of MRSA ID (same reference)

**chromID ESBL** .....Ref 43481 - 20 plates

**chromID VRE** .....Ref 43002 - 20 plates

**new**

Other Chromogenic Media (same references)

**chromID S.aureus** .....Ref 43371 – 20 plates  
New name of S.aureus ID

**chromID Candida** .....Ref 43631 - 20 plates / 43639 - 100 plates  
New name of Candida ID2

**chromID CPS®** .....Ref 43541 - 20 plates / 43549 - 100 plates  
New name of CPS ID 3

**chromID CPS / Columbia CNA + 5% sheep blood** .....Ref 43463 - 10 plates  
New name of CPS ID 3 / Columbia CNA + 5% sheep blood

**chromID Strepto B** .....Ref 43461 - 20 plates  
New name of Strepto B ID

**chromID Salmonella** .....Ref 43621 - 20 plates / 43629 - 100 plates  
New name of SM ID2

**chromID O157H7** .....Ref 42605 - 6 x 200 ml bottles  
New name of O157:H7 ID

## GUIDELINES:

Muto C.A., J.A. Jernigan, B.E.Ostrowsky, H.M. Richet, W.R. Jarvis, J.M., Boyce, B.R. Farr.

2003. SHEA Guideline for preventing nosocomial transmission of multidrug-resistant strains of *Staphylococcus aureus* and *Enterococcus*. Infect. Control. Hosp. Epidemiol 24:362-386.

Siegel Jane D., MD; Rhinehart Emily, RN MPH CIC; Jackson Marguerite, PhD; Chiarello Linda, RN MS  
The Healthcare Infection Control Practices Advisory Committee. Management of Multidrug-Resistant Organism In Healthcare Setting, 2006. Centers for Disease Control and Prevention.

Coia J.E., Duckworth G.J., Edwards D.I., Farrington M., Fry C., Humphrey H., Mallaghan C., Tucker D.R., for the Joint Working Party of the British Society of Antimicrobial Chemotherapy, the Hospital Infection Society and the Infection Nurses Association. Guidelines for the control and prevention of methicillin-resistant *Staphylococcus aureus* (MRSA) in Healthcare facilities. Journal of Hospital Infection (2006) **635**, S1-S44.

## PUBLICATIONS:

Development and evaluation of a chromogenic agar medium for methicillin-resistant *Staphylococcus aureus*.

PERRY J.D., DAVIES A., BUTTERWORTH L.A. and al . Journal of Clinical Microbiology, Oct 2004, vol. 42, n° 10, p. 4519-4523

Evaluation of three chromogenic media and ORSAB for surveillance cultures of methicillin-resistant *Staphylococcus aureus*. I. Nahimana, P. Francioli, D. S. Blanc. Journal Clin Microb and Infect

Performance of MRSA ID, a New Chromogenic Medium for Detection of Methicillin-Resistant *Staphylococcus aureus*.

Bram M. W. Diederer, Marie-Louise van Leest, Inge van Duijn, Piet Willemse, Peter H. J. van Keulen, and Jan A. J. W. Kluytmans. Journal of clinical Microbiology, Feb. 2006, p. 586-588 Vol. 44, No. 2

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