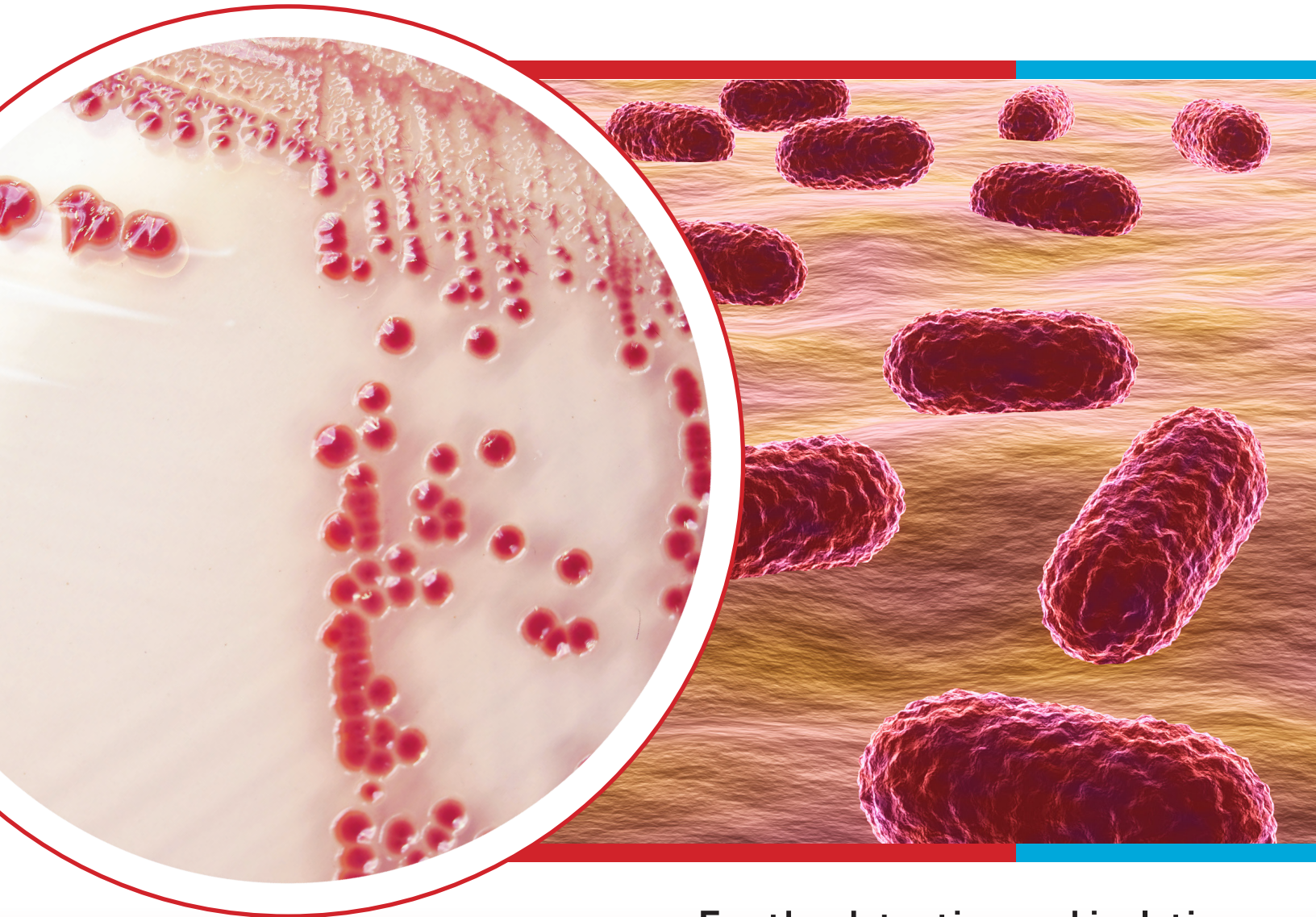


COLOREX™

# COLOREX™ Acinetobacter



For the detection and isolation  
of Acinetobacter species and  
MDR Acinetobacter



Microbiology in Color

# COLOREX™ Acinetobacter

For detection of *Acinetobacter* and *MDR Acinetobacter spp.*

## BACKGROUND: Understanding *Acinetobacter* Infections

*Acinetobacter*, a commonly found bacterium in nature, possesses a remarkable ability to thrive in diverse environments, both dry and moist. While generally non-pathogenic in healthy individuals, it transforms into a potential source of infection, particularly within hospital settings, where it colonizes medical equipment, human skin, and sometimes even food. In immunocompromised patients, *Acinetobacter* species become life-threatening, frequently surfacing in nosocomial infections, notably in intensive care units. This bacterium is associated with severe conditions, such as nosocomial pneumonia, bacteremia, and meningitis.

Of particular concern is *Acinetobacter baumannii*, emerging as a significant issue in hospital-acquired infections due to its frequent multidrug-resistant (MDR) nature, exhibiting resistance to antibiotics like c3g, quinolones, and carbapenem. This resistance significantly contributes to heightened morbidity and mortality rates.

Active surveillance is imperative to control the spread of *Acinetobacter* within clinical facilities, minimizing the risk of cross-contamination and identifying carriers promptly. Swift identification of patients colonized with *Acinetobacter baumannii* is crucial for implementing targeted infection control practices, thereby preventing the further spread of these organisms.

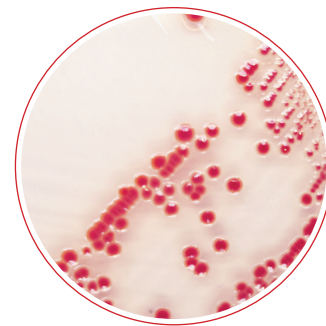
## MEDIUM PERFORMANCE: Enhancing Detection and Selectivity

- **DISTINCTIVE AND VIBRANT RED COLOR:** traditional culture media may pose challenges in detecting *A. baumannii* due to the abundance of background flora, especially in specimens where lactose/non-lactose fermentation-based differentiation is used. To overcome these hurdles, COLOREX™ Acinetobacter stands out as the ONLY one of its class as a highly selective medium for detecting Acinetobacter. It facilitates the growth of *Acinetobacter*, producing conspicuously red colonies after an overnight incubation, providing a clear visual indicator for identification.
- **INNOVATION IN DETECTION:** COLOREX™ Acinetobacter is the first prepared plated chromogenic media, specifically designed for Acinetobacter detection. This innovation streamlines the detection process, offering a reliable and efficient tool for laboratories.
- **SCREENING FOR MDR ACINETOBACTER:** this medium can be supplemented to enhance its specificity for MDR strains, allowing for the growth of carbapenem-resistant variants. This adaptability equips healthcare professionals with a powerful tool to address the challenges posed by multidrug-resistant *Acinetobacter* strains.

## POWDER MEDIUM DESCRIPTION

<b>Powder Base</b>	Total..... 32.8 g/L
	Agar..... 15.0
<b>Powder Base</b>	Peptone and yeast extract ..... 12.0
	Salts ..... 4.0
	Chromogenic mix..... 1.8
	Storage at 15/30 °C - pH: 7.0 +/- 0.2
	<b>Shelf Life ..... 2 years</b>
<b>+ 1 Supplement</b> (included in the pack)	Growth and regulator factors .....4 mL/L
	Storage at 15/30 °C
	Aspect: Liquid Form
	<b>Shelf Life ..... 3 years</b>
<b>COLOREX™ MDR Supplement: CR102</b> Order separately	Stools, urine, wounds.
<b>Usual Samples</b>	Direct Streaking. Incubation 18-24h at 37°C Aerobic conditions.
<b>Procedure</b>	Direct Streaking. Incubation 18-24 h at 37 °C Aerobic conditions.

## PLATE READING



**For detection of *Acinetobacter spp.*:**

*Acinetobacter spp.*  
Red

**Other Gram (-)**  
blue or mostly inhibited

**Gram (+) bacteria and yeasts**  
Inhibited

**For detection of MDR *Acinetobacter spp.*:**

(if using the optional supplement CR102):

**MDR *Acinetobacter***  
Red

**Non-MDR *Acinetobacter***  
Inhibited

**COLOREX™**

Plates Made with the Original CHROMagar™ Powder

CHROMAGAR, Paris - France

www.COLOREX-Media.com

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