

IVD solutions through partnership



CHROMagar™ Acinetobacter

For detection of *Acinetobacter*
and MDR *Acinetobacter* species

CHROMagar™
The Chromogenic Media Pioneer

● CHROMagar™ Acinetobacter

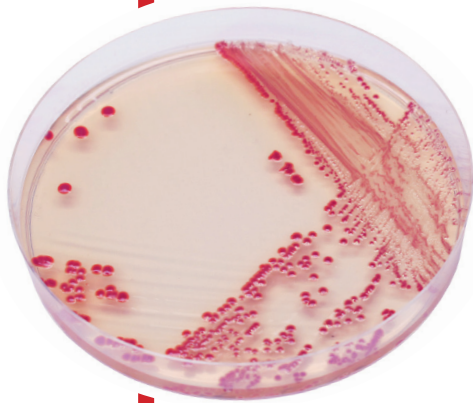


Plate Reading

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

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

Background

Common bacteria widely spread in the nature, *Acinetobacter* has the capacity to survive in dry as well as moist environments. It becomes a source of infection in hospital environment when colonizing medical equipments, human skin and sometimes foodstuff. *Acinetobacter* species are generally not pathogenic for healthy people but are life threatening in compromised patients. It is often isolated in nosocomial infections cases, intensive care units, and can for instance cause nosocomial pneumonia, bacteraemia, and meningitis.

Especially, *Acinetobacter baumannii* is becoming a major hospital-acquired infection issue because of its often multi-drug resistance (MDR : resistance to C3G, quinolones, carbapenems etc.). This contributes to the increase of morbidity and mortality. Active surveillance is necessary to control its spread in the facilities, to reduce the risk of cross-contamination, and to identify the carriers. Rapid identification of patients that are colonized with *Acinetobacter* would lead to infection control practices aimed at preventing spread of the organisms.

Medium Performance

1 **One unique red colour:** Detection of *A. baumannii* from traditional culture media might be a difficult and tedious task due to the abundance of background flora found in collected specimens, especially when using media based on differentiation by the lactose/non-lactose fermentation ability. To overcome these difficulties, CHROMagar™ Acinetobacter was designed as a highly selective medium, allowing the growth of *Acinetobacter* in conspicuously red colonies, after overnight incubation.

2 **FIRST chromogenic medium for *Acinetobacter* detection.**

3 **Screening of MDR *Acinetobacter*:** This medium can be supplemented to enhance MDR specificity allowing the growth of carbapenem-resistant strains.

Medium Description

Powder Base	Total32.8 g/L
	Agar 15.0
	Peptones and yeast extract..... 12.0
	Salts4.0
	Chromogenic mix1.8
	Storage at 15/30 °C - pH: 7.0 +/-0.2
	Shelf Life > 18 months
+	
Supplement	Growth and regulator factors 4 mL/L
	Storage at 15/30 °C
	Aspect: Liquid Form
	Shelf Life > 18 months
CHROMagar™ MDR Supplement: CR102	Selective mix 5 doses
	(1 dose qsf 1000 mL of final media)
	Storage at 2/8 °C
	Shelf Life > 12 months

Usual Samples	Stools, urine, wounds, nasal and rectal specimens.
Procedure	Direct Streaking. Incubation 18-24 h at 35-37 °C Aerobic conditions.

Scientific Publications on this product: available on www.CHROMagar.com
Please read carefully the instructions for use (IFU document) available on www.CHROMagar.com



Manufacturer:

CHROMagar
4 place du 18 juin 1940 75006 Paris - France
e-mail: CHROMagar@CHROMagar.com
www.CHROMagar.com

Distributed by:
Mast Diagnostica GmbH
Feldstraße 20
DE-23858 Reinfeld

Tel: +49 (0)4533 2007 0
Fax: +49 (0)4533 2007 68
e-mail: mast@mast-diagnostica.de
www.mast-group.com

Ordering Information

Product	Order Code
CHROMagar™ Acinetobacter dry media, 5 liter	15AC092
CHROMagar™ Acinetobacter ready to use plates, 20 pcs.	201481