

## –CHROMagar™ Candida

### Chromogenic medium for the isolation and differentiation of major *Candida* species

article number CA220 : 1000 ml bottle  
article number CA222 : 5000 ml bottle  
article number CA223 : bulk size

NT-EXT-001
Version 6

**STORAGE** Store the powder at 15/30°C. Use until the shelflife date indicated on the label.

**COMPOSITION in g/L** Agar 15.0; Peptone 10.2; Chromogenic mix 22.0; Chloramphenicol 0.5; pH: 6.1 +/- 0.2 (Classical formula adjusted and/or supplemented as required to meet performance criteria).

**PREPARATION** For pre-weighed dose of medium, add dry powder to the corresponding volume of purified water. Alternatively, suspend the medium in the proportion of 47.7 g/L of purified water. Disperse powder slowly in water by rotating for swelling of the agar. Heat and bring to boiling (100°C) while swirling or stirring regularly. If using an autoclave, do so without pressure. DO NOT HEAT TO MORE THAN 100°C. The mixture may also be brought to a boil in a microwave oven: after initial boiling, remove from oven, stir gently, then return to oven for short repeated bursts of heating until complete fusion of the agar grains has taken place (large bubbles replacing foam). Cool in a water bath to 45-50°C, swirling or stirring gently. Pour into sterile Petri dishes or tubes and allow to gel and dry.

Store in the dark. Prepared media plates can be kept for one day at ambient temperature. Plates can be stored for up to one month under refrigeration (2/8°C) if properly prepared and protected from light and dehydration.

**INOCULATION** If the agar plate has been refrigerated, allow to warm to room temperature before inoculation. Streak sample onto plate and incubate at 30-37°C for 48 hours.

### INTERPRETATION

#### Microorganism → Typical colony appearance

*C. albicans* → green  
*C. tropicalis* → metallic blue  
*C. krusei* → pink, fuzzy  
Other species → white to mauve

**DISPOSAL OF WASTE** After interpretation all plates should be destroyed by autoclaving at 121°C for at least 20 minutes.

**English.** For *in vitro* diagnostic use.  
Laboratory product to be used only by trained personnel.

### BIBLIOGRAPHY

Odds, F.C. and R. Bernaerts. 1994. CHROMagar Candida, a New Differential Isolation Medium for Presumptive Identification of Clinically Important *Candida* species. J.Clin. Microbiol. 32: 1923-1929

Beighton, D. *et al.* 1995. Use of CHROMagar Candida Medium for isolation of Yeasts from dental Samples. J.Clin. Microbiol. 33: 3025-3027

Pfaller, M.A. *et al.* 1996. Application of CHROMagar Candida for Rapid Screening of Clinical Specimens for *Candida albicans*, *Candida tropicalis*, *Candida krusei*, and *Candida (Torulopsis) glabrata*. J.Clin. Microbiol. 34: 58-61.

#### Available from CHROMagar :

##### CHROMagar™ Candida

Differentiation of major pathogenic *Candida* species

##### CHROMagar™ Orientation

Differentiation of urinary tract pathogens

##### Rambach™ Agar

Detection of *Salmonella* spp

##### CHROMagar™ Salmonella

Detection of *Salmonella* including *S. Typhi*

##### CHROMagar™ Salmonella Plus

Detection of *Salmonella* according to the ISO 6579:2002 norm

##### CHROMagar™ O157

Detection of *E.coli* O157

##### CHROMagar™ E.coli

Detection and enumeration of *E.coli*

##### CHROMagar™ ECC

Detection and enumeration of *E.coli* and coliforms

##### CHROMagar™ Liquid ECC

Broth for pad technique for *E.coli*-coliforms

##### CHROMagar™ Staph aureus

Detection and enumeration of *Staphylococcus aureus*

##### CHROMagar™ MRSA

Detection of MRSA including low level MRSA

##### CHROMagar™ Listeria

Detection and enumeration of *Listeria monocytogenes*

##### CHROMagar™ Vibrio

Detection and enumeration of *Vibrio parahaemolyticus*, *Vibrio vulnificus* and *Vibrio cholerae*

##### CHROMagar™ VRE

Detection of *E.faecium* VRE & *E.faecalis* VRE

CHROMagar™ and Rambach™ are trademarks of Dr. A. Rambach

Visit CHROMagar on internet via <http://www.chromagar.com>

**CHR**  **Magar**  
*Microbiology*

4, place du 18 Juin 1940  
75006 Paris France  
Fax: (33-1) 45 48 06 06

NT-EXT-001	Version 6
------------	-----------