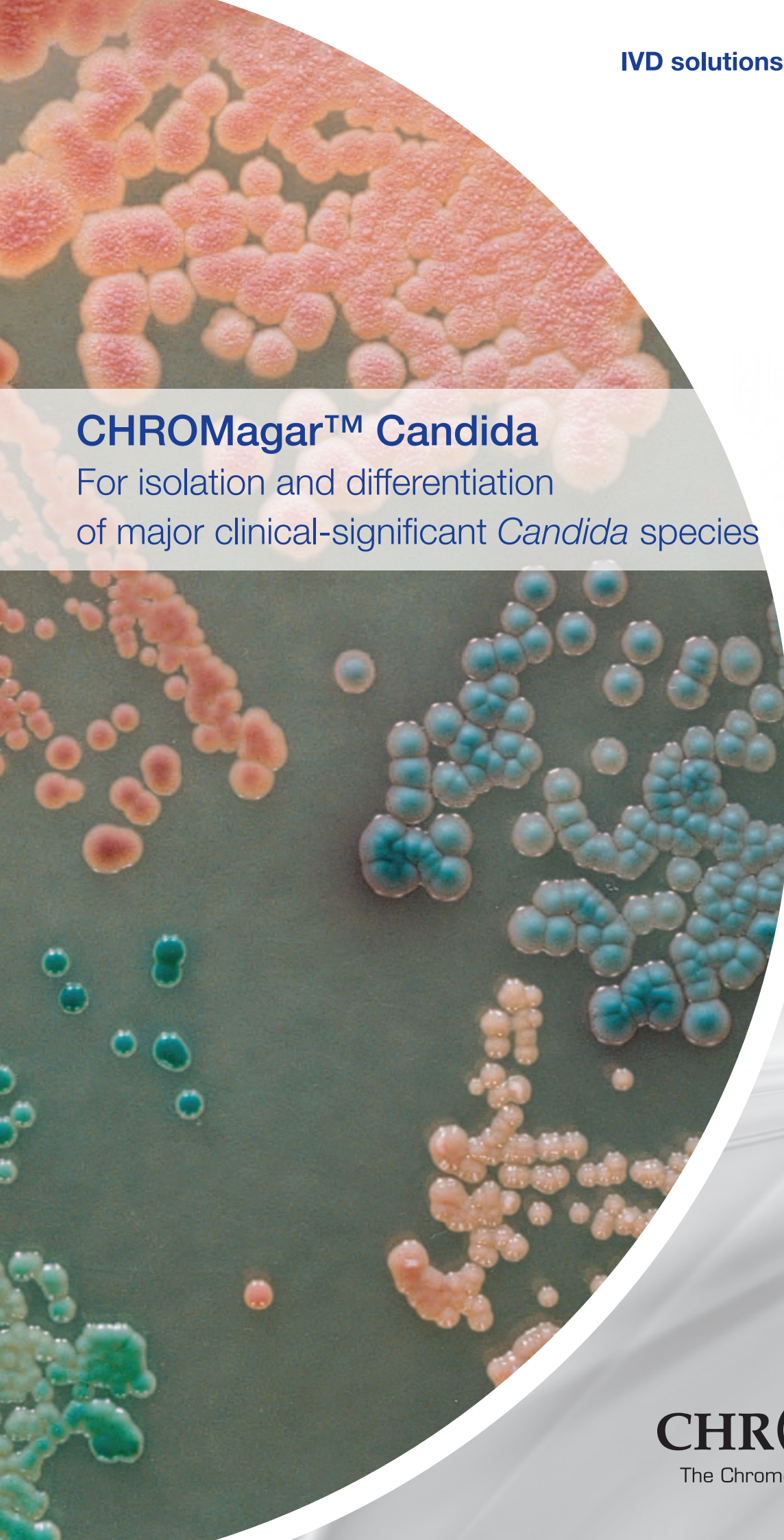


IVD solutions through partnership



## CHROMagar™ Candida

For isolation and differentiation  
of major clinical-significant *Candida* species



**CHROMagar™**  
The Chromogenic Media Pioneer

# ● CHROMagar™ Candida



## Plate Reading



• *Candida albicans*  
→ green



• *Candida tropicalis*  
→ metallic blue



• *Candida krusei*  
→ pink, fuzzy

## For isolation and differentiation of major clinical-significant *Candida* species

### Background

Perhaps as a result of progress in medical therapy with a related decrease in patient resistance and increase in the number of susceptible hosts, the incidence of bloodstream *Candida* infections rose through the 1990s but has stabilised in recent years. More commonly, *Candida* species are involved in superficial oropharyngeal and urogenital infections particularly for immuno-depressed people such as the elderly and AIDS victims. "Early diagnosis is essential for early effective management of the patients." (WHO Guidelines on Standard Operating Procedures for Laboratory Diagnosis of HIV-Opportunistic Infections)  
Although *C.albicans* remains the major species involved, other types such as *C.tropicalis*, *C.krusei* or *C.glabrata* have increased proportionately as new antifungal agents have worked very effectively against *C.albicans*. This shows the importance of an accurate detection for a proper antifungal therapy choice.

### Medium Performance

1

#### High contrast

Intense colony colouration helping to differentiate species.

2

#### Fast

20-48 h incubation.

3

#### Panoramic view

Panoramic view of the *Candida* population mix with the ability to detect major species but also the presence of minor populations.

4

#### Powerful tool

It displays high specificity and sensitivity for 3 of the major *Candida* species at a time.

#### Specificity and sensitivity:

*Candida albicans* → Exceed 99 %\*

*Candida tropicalis* → Exceed 99 %\*

*Candida krusei* → Exceed 99 %\*

\*Specificity and sensitivity from scientific study: "CHROMagar Candida, a new differential isolation medium for the presumptive identification of clinically important *Candida* species." Odds F. et al 1994, Journal of Clinical Microbiology, 32 : 1923-1929.

5

#### Less workload

With traditional media such as Sabouraud agar, identification of mixed cultures is difficult, whereas CHROMagar™ *Candida*, just by the colour of the colony, will instantly differentiate various *Candida* species and help locating their colonies in mixed cultures.

### Medium Description

Powder Base	Total
	47,7 g/L
Agar	15.0
Peptone	10.2
Chromogenic mix	22.0
Chloramphenicol	0.5
Storage at 15/30 °C - pH: 6.1 +/-0.2	
Shelf Life	> 18 months

Usual Samples	Blood, skin, sputum, throat, urine, ears, stools and vaginal specimens.
Procedure	Direct Streaking. Incubation 18-48 h at 35-37 °C. Aerobic conditions.

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



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#### Ordering Information

Product	Order Code
CHROMagar™ <i>Candida</i> dry media, 5 liter	15CA222
CHROMagar™ <i>Candida</i> ready to use plates, 20 pcs.	201400