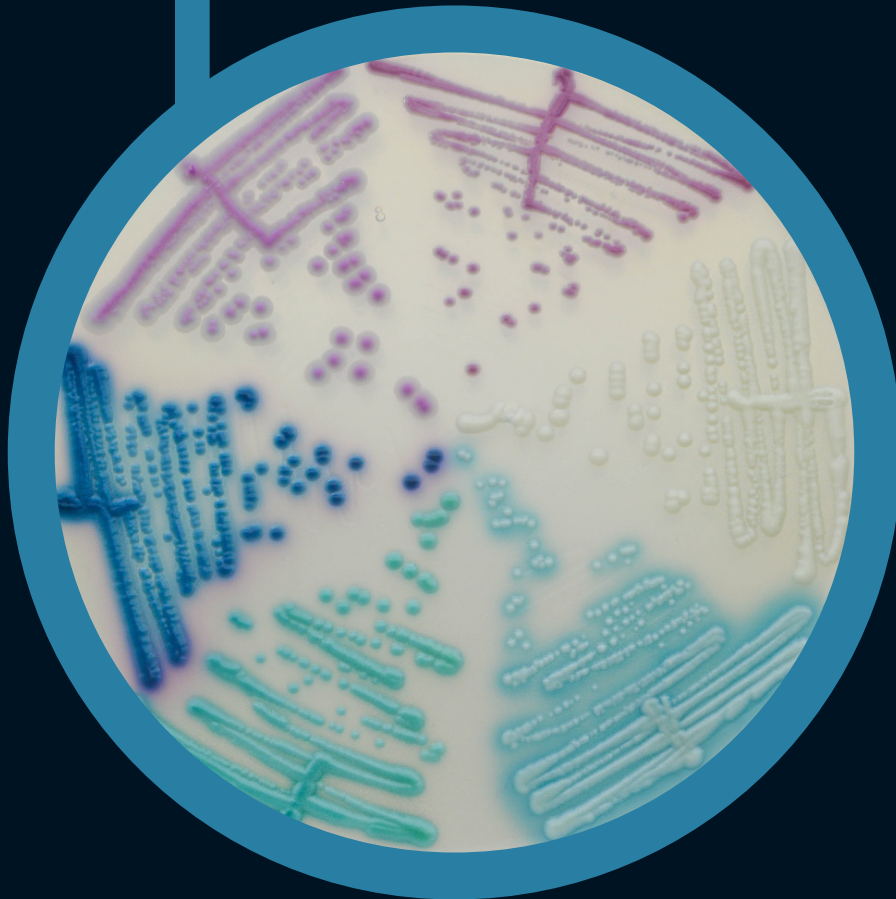


● CHROMagar™ Candida Plus



For detection and differentiation of major clinical *Candida* species, including *C. auris*

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Background

The *Candida* are yeasts involved in various infections called Candidiasis, which can affect damaged skin, respiratory tract, digestive and urogenital systems. These Candidiasis can be severe with significant morbidity for nosocomial infections or in immunocompromised patients. Although *C. albicans* is still the main species involved, the use of antifungal agents has given rise to other species such as *C. tropicalis*, *C. krusei* and *C. glabrata*.

In 2016, The World Health Organization added to this list *C. auris*, with a prevalence of over 90 % resistant to fluconazole. In addition, some strains are multidrug resistant to amphotericin B, voriconazole, and/or echinocandins.

It is recommended to carry out an early diagnosis of *Candida* in order to provide specific treatment as quickly as possible. *Candida* can be isolated by swabbing the skin, throat, rectum, or urogenital tract.

CHROMagar™ Candida Plus is the first chromogenic isolation medium to detect and differentiate *C. auris* in addition to other major clinical *Candida* species such as *C. albicans*, *C. tropicalis*, *C. glabrata* or *C. krusei*.

Medium Performance

1 HIGH SPECIFICITY

Differentiation of the most common *Candida* species with very high specificity:

- C. albicans* ≈ 100 % *
- C. tropicalis* ≈ 100 % *
- C. krusei* ≈ 100 % *

2 UNIQUE MEDIUM TO DIFFERENTIATE *C. auris* FROM OTHER CANDIDA SPECIES

Owe to its high specificity, it can be used also as a screening tool in case of outbreaks.

For *C. auris*: Specificity ≈ 100 % *
Sensitivity ≈ 100 % *

* Specificity and Sensitivity from scientific study: «Evaluation of a novel chromogenic medium for *Candida* spp. identification and comparison with CHROMagar™ Candida for the detection of *Candida auris* in surveillance samples» Juan V. Mulet *et al.*, 2020.

3 EASY IDENTIFICATION

Identification by MALDI-TOF can be carried directly from a colony. No need of subculture.

Medium Description

Powder Base	
Total	50.9 g/L
Agar	15.0
Peptones	11.0
Chromogenic and selective mix	24.9
Storage at 15/30 °C - pH: 6.1 ± 0.2.	
Shelf Life	> 12 months

Usual Samples	Skin, throat, armpits, urogenital tract and rectal swab.
Procedure	Direct Streaking. Incubation 36-48 h, 30-37 °C. Aerobic conditions.

Please visit our website: www.biotrading.com for more information about this product.

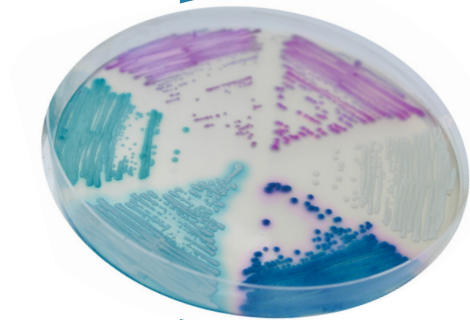


Plate Reading

Back Front

- *C. auris*
→ Light blue with blue halo
Blue from the back side
- *C. albicans*
→ Green-blue
- *C. tropicalis*
→ Metallic blue with pink halo
- *C. glabrata*
→ Mauve
- *C. krusei*
→ Pink and fuzzy



Order References

Please use these product references when contacting your local distributor:

- 5000 mL pack CA242
- 25 L pack CA243-25
- 10 kg CA243-10KG