

IVD solutions through partnership



CHROMagar™ Candida Plus

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

A large circular inset image shows a petri dish with a chromogenic agar medium. The surface is covered with numerous small, raised colonies of varying colors, including purple, blue, green, and yellow, which represent different species of Candida. The background of the entire page is a light gray with a subtle, abstract pattern of curved lines.

CHROMagar™
The Chromogenic Media Pioneer

● CHROMagar™ Candida Plus

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

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 % *

3

Easy identification:

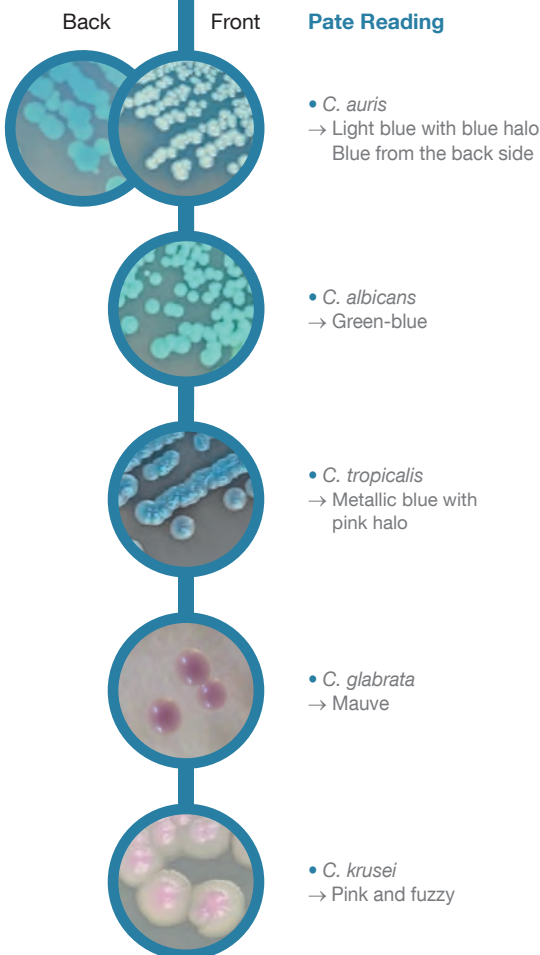
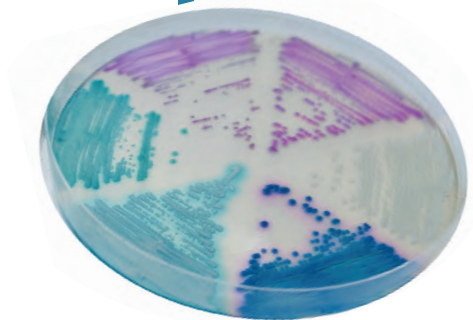
Identification by MALDI-TOF can be carried directly from a colony. No need of subculture.

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 at 30-37 °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



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Ordering Information

Product	Order Code
CHROMagar™ Candida Plus dry media, 5 liter	15CA242
CHROMagar™ Candida Plus ready to use plates, 20 pcs.	201406