

# CHROMagar™ Candida Plus

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



**CHROMagar™**  
The Chromogenic Media Pioneer

# Candida: A Growing Threat listed on

## Overview

Over the past decade, infections caused by *Candida* species have risen, largely due to an increasing number of vulnerable individuals.

The WHO recently highlighted *Candida albicans*, *Candida auris* and *Candida glabrata* as priority pathogens, with *C. albicans* leading global candidemia cases.

Additionally, *Candida auris*, an emerging multidrug-resistant pathogen associated to nosocomial infections, presents detection challenges.

## Pathogenesis



Respiratory tract infections



Vaginal **Candidiasis**



Invasive **Candidiasis**

## Candida spp. : Data and Insights

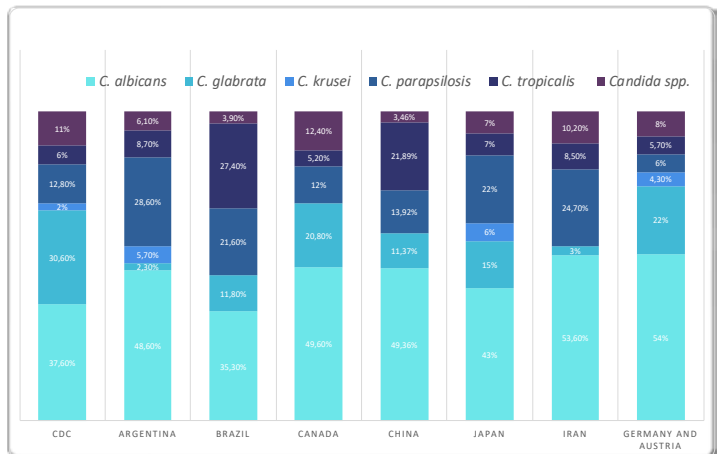
**72%**  
of global *Candida* incidence is attributed to *C. albicans*, *C. glabrata* and *C. tropicalis*, according to multiple studies<sup>1</sup>

*C. albicans* causes annually:

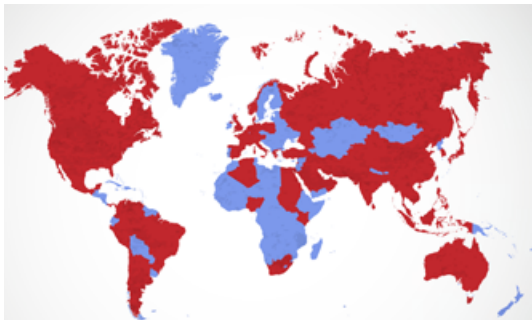
**+ 150 million**  
mucosal infections<sup>2</sup>

**~ 200,000**  
deaths<sup>2</sup>

**~ \$2 billion**  
losses in healthcare in US<sup>2</sup>



## Candida auris: The Emerging Superbug



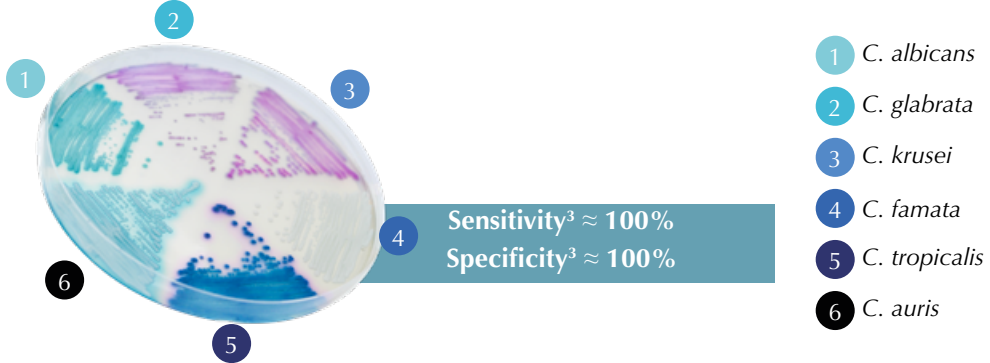
Recent reports indicate a significant rise in *Candida auris* infections in one year :

**96%**  
increase in *Candida auris* cases  
has been reported in Europe.<sup>3</sup>

**61%**  
increase in *Candida auris* cases  
has been reported in United States of  
America<sup>4</sup>

# n the WHO Fungal Priority

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



### EASY TO READ:

The medium is highly effective in differentiating various *Candida* species based on colony color and morphology.



### DETECTION OF *CANDIDA AURIS*:

CHROMagar™ Candida Plus is particularly useful for identifying *Candida auris*, a multidrug-resistant species that poses significant challenges in healthcare settings



### COST-EFFECTIVE

Using CHROMagar™ Candida Plus reduces the need for multiple tests or specialized media for differentiating *Candida* species, lowering the overall costs



### HIGH SENSITIVITY AND SPECIFICITY:

The medium provides high sensitivity and specificity for differentiating clinically important *Candida* species, making it a reliable tool for diagnostic laboratories.



### SAMPLES :

Swabs from skin, throat, ears, vagina as well as sputum,



### RESULTS:

Can be interpreted within 24/48h of aerobic incubation at 30-37 °C

<sup>1</sup> Biera et al. 2022. *Antibiotics (Basel)*, Richardson et al. 2022. *Pathogens*, Fuller et al. 2019. *J Antimicrob Chemother*, Bilal et al. 2022. *Virulence*, Morii et al. 2014. *J Infect Chemother*, Mirhendi et al. 2020. *Medical Mycology*, Schmalreck et al. 2012. *Mycoses*

<sup>2</sup> Richardson et al. 2022. *Pathogens*

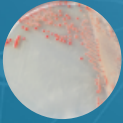
<sup>3</sup> Kohlenberg et al. 2022. *Eurosurveillance*

<sup>4</sup> CDC. *Candida auris*

<sup>5</sup> Mulet Bayona et al. 2020. *Diagn Microbiol Infect Dis*

# Clinical Microbiology: Empowering Detection

CHROMagar™ has developed a range of selective culture media for the rapid detection of clinically relevant pathogens, enhancing diagnostic speed and accuracy for better patient outcomes.



CHROMagar™  
Acinetobacter



CHROMagar™  
Orientation



CHROMagar™  
STEC



CHROMagar™  
B.cepacia



CHROMagar™  
Salmonella



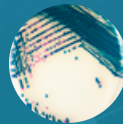
CHROMagar™  
Strep A



CHROMagar™  
C.difficile



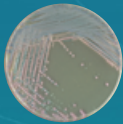
CHROMagar™  
Serratia



CHROMagar™  
Strep B



CHROMagar™  
Campylobacter



CHROMagar™  
Staph aureus



LIM RambaQUICK™  
Strep B

**ASK YOUR LOCAL DISTRIBUTOR  
FOR MORE INFORMATION**

Reference contact :

**CHROMagar™**  
The Chromogenic Media Pioneer

[CHROMagar.com](http://CHROMagar.com)

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For more informations about our products and technical documents, please refer to our website.

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