

Hardy**CHROM**<sup>™</sup>

# Candida + auris

Now You Can Know For Sure





*Candida auris*

## EMERGING FUNGUS

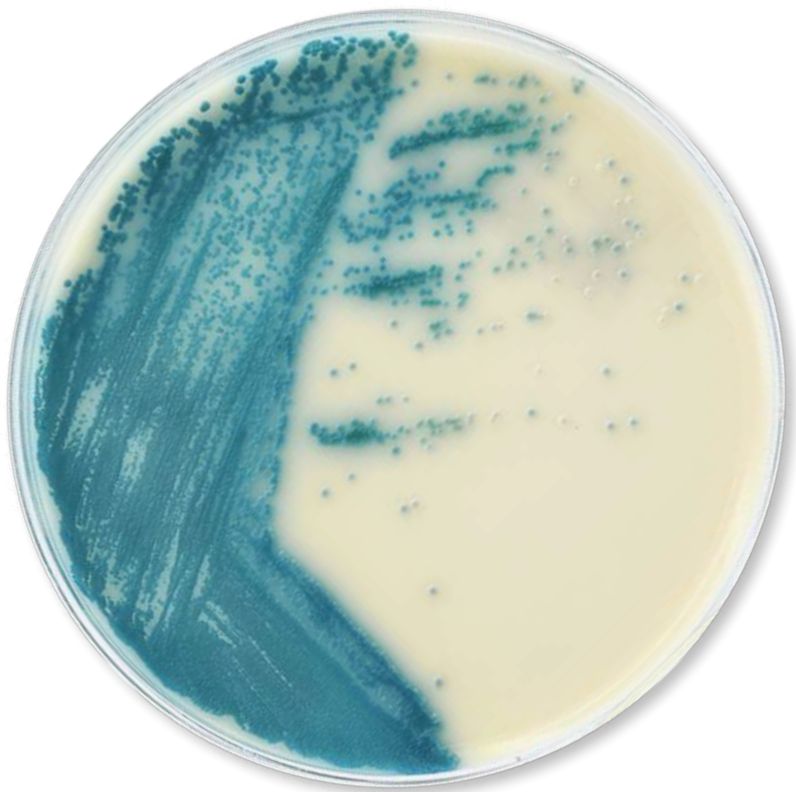
***Candida auris (C. auris)*** is an emerging fungus, which has caused global concern and has been classified as an Urgent Threat by the Centers for Disease Control and Prevention (CDC). ***C. auris*** is resistant to most first-line antifungal medications and spreads easily through direct contact as well as contact with contaminated surfaces. ***C. auris*** is predominant in patients with underlying medical issues or weakened immune systems.

***C. auris*** can cause bloodstream infections and even death among patients with serious underlying medical factors. In fact, more than one out of three patients with an invasive ***C. auris*** infection affecting the blood, heart or brain are likely to die.<sup>1</sup>

1. Centers for Disease Control and Prevention, National Center for Emerging and Zoonotic Infectious Diseases (NCEZID), Division of Foodborne, Waterborne, and Environmental Diseases (DFWED), Dec. 1, 2018

## INTENDED USE

**HardyCHROM™ *Candida* + *auris*** is recommended for the selective isolation and differential identification of *Candida* species. Colonies of *C. auris* will appear white with a characteristic teal to teal-green “bullseye” center and show a unique fluorogenic reaction under UV light. *C. auris* is unique amongst other *Candida* species because it causes outbreaks and is resistant to nearly all antifungal drugs; and is difficult to identify thus can be misidentified as other species of yeasts. This medium will also identify *C. tropicalis*, *C. glabrata*, *C. albicans*, and *C. krusei*.

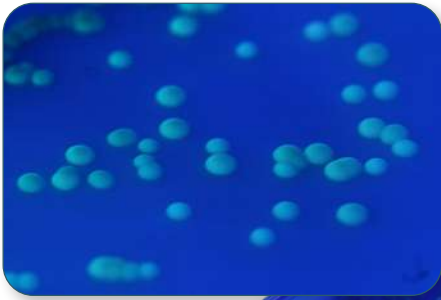


Cat. no. G343

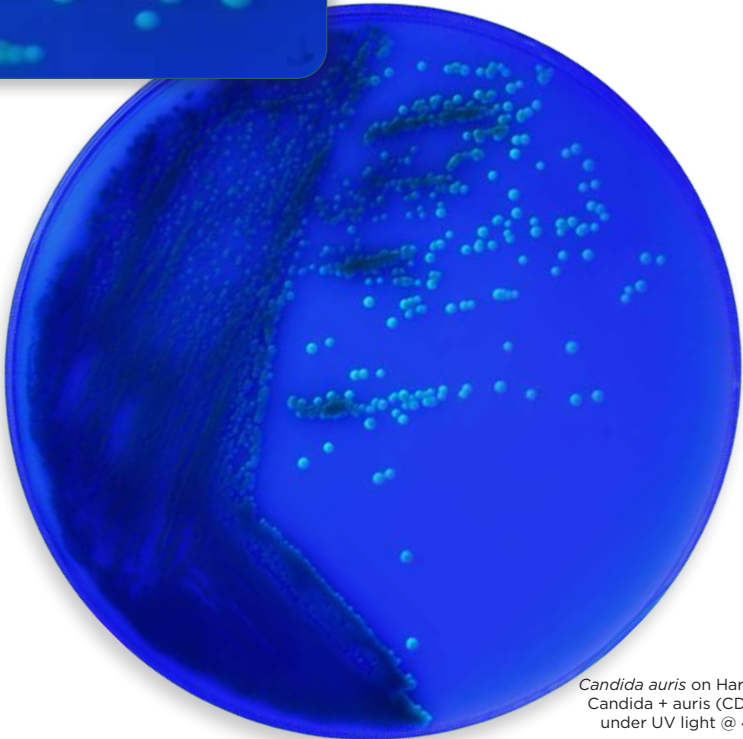
HardyCHROM™ *Candida* + *auris*, 15x100mm plate, 10/pk

# FLUOROGENIC REACTION

The fluorescent reaction of *C. auris* on this HardyCHROM™ plate increases the reliability of your identification. Most typical yeast colonies tested for fluorescence at 48 hours using a UV lamp at 365nm will be negative, except for *C. auris* which will be positive at 48-72 hours.



*Candida auris* on HardyCHROM™  
Candida + auris (CDC 0385B)  
under UV light @ 48 hours

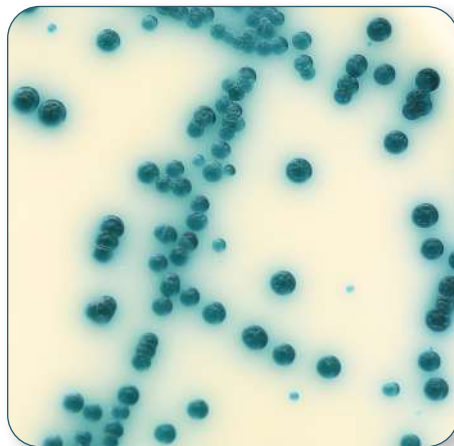


*Candida auris* on HardyCHROM™  
Candida + auris (CDC B11903)  
under UV light @ 48 hours

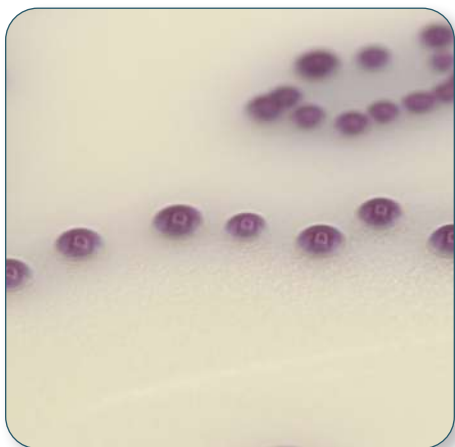
This medium also allows for the identification of *C. albicans*, *C. tropicalis*, *C. krusei*, and the presumptive identification of *C. glabrata*.



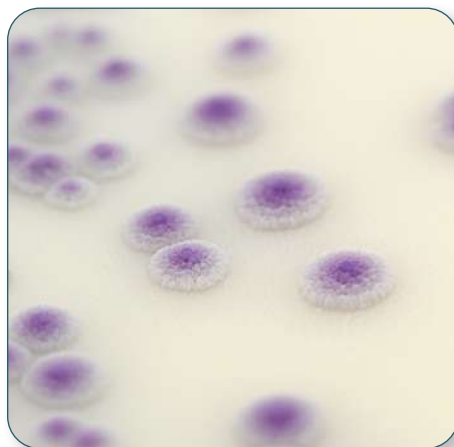
*C. tropicalis* colonies appear medium blue to dark metallic blue with a blue halo.



*C. albicans* produces a smooth, medium to green dark metallic green colonies.



*C. glabrata* produces smooth, pink colonies, often with a darker mauve center.



*C. krusei* produces rough, spreading, pink colonies.

# C. GLABRATA CONFIRMATION

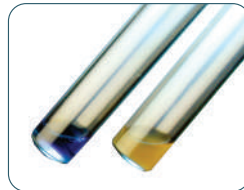
**HardyCHROM<sup>™</sup> Candida + auris** can be used in conjunction with Rapid Trehalose Broth (cat. no. Z205) or GlabrataQuick<sup>™</sup> (cat. no. Z298) to aid in the identification of *C. glabrata*. When **HardyCHROM<sup>™</sup> Candida + auris** is used as the primary plating medium, only colonies that morphologically resemble *C. glabrata* should be tested for trehalose assimilation.



**GlabrataQuick<sup>™</sup>**  
 For the rapid identification of *Candida glabrata* by sugar fermentation.  
 24 tests/kit.....Z298



**UV Lamp, Longwave**  
 Handheld UV Lamp (6 watts) are uniquely designed with an ergonomically designed handle.  
 EA.....UVL56



**Trehalose Broth, Rapid**  
 A rapid screening method to aid in the detection of *Candida glabrata*, with results in 3 hours.  
 10 tubes/box.....Z205



FM 572526

Hardy Diagnostics adheres to cGMP, is licensed by the FDA as a medical device manufacturer, and its quality management system is ISO 13485 certified.



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