

Hardy**CHROM**[™]

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.¹

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*.



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

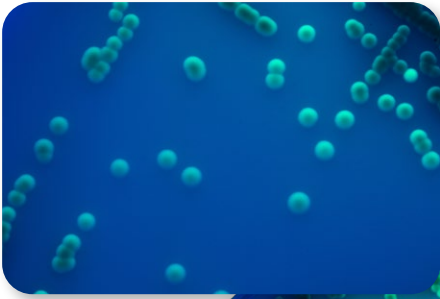


Cat. no. G343

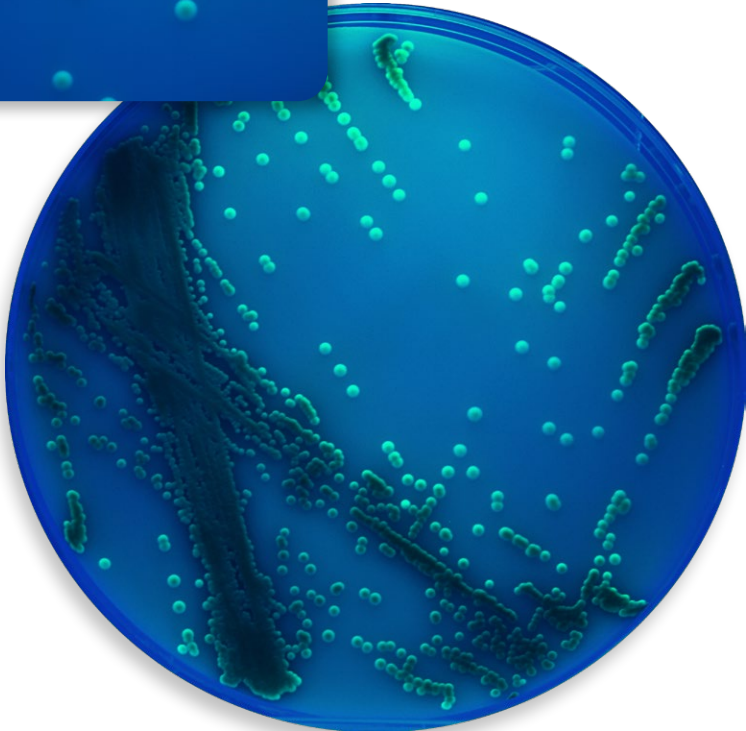
HardyCHROM™ *Candida* + *auris*, 15x100mm plate, 10/pk

FLUOROGENIC REACTION

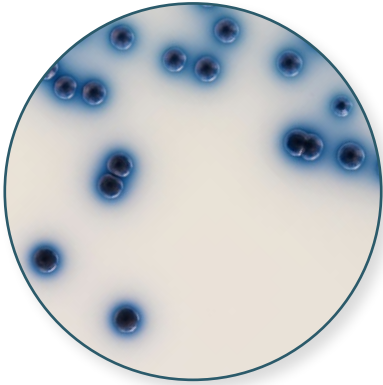
The fluorescent reaction of *C. auris* on this HardyCHROM™ plate increases the reliability of your identification. Most typical yeast colonies tested for fluorescence at 48 hours using a UV lamp at 365nm will be negative, except for *C. auris* which will be positive at 48-72 hours. All suspected colonies should be subject to automated confirmatory ID method such as MALDI.



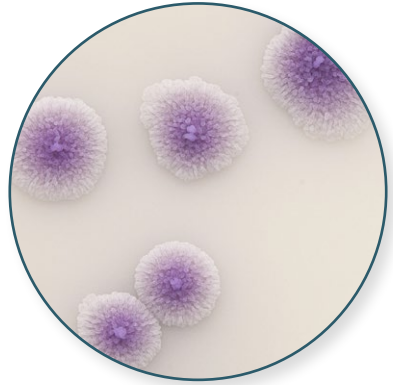
Candida auris (CDC 0385B)
on HardyCHROM™ Candida + auris
under UV light at 48 hours



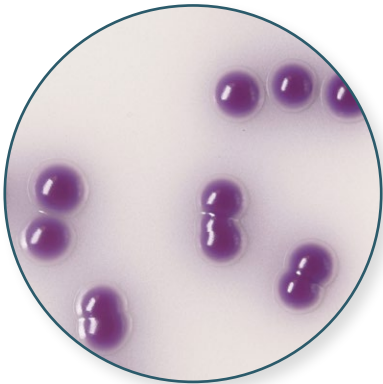
This medium also allows for the identification of *C. albicans*, *C. tropicalis*, *C. krusei*, and the presumptive identification of *C. glabrata*.



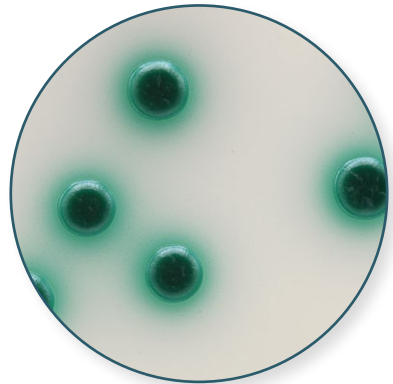
C. tropicalis colonies appear medium blue to dark metallic blue with a blue halo.



C. krusei produces rough, spreading, pink colonies.



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



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

C. GLABRATA CONFIRMATION

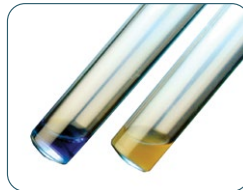
HardyCHROM™ *Candida + auris* can be used in conjunction with Rapid Trehalose Broth (cat. no. Z205) or GlabrataQuick™ (cat. no. Z298) to aid in the identification of *C. glabrata*. When **HardyCHROM™ *Candida + auris*** is used as the primary plating medium, only colonies that morphologically resemble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



GlabrataQuick™
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



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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