

Candida auris and Antibiotic-Resistant Strain Detection

Fluorescent Probe-Based Real-Time PCR Assay

In 2019, the CDC classified *Candida auris* as an "urgent threat." This fungus can cause serious infections in the blood, lungs, urinary tract, and wounds, and is often resistant to antifungal treatments, leading to high mortality rates. It can survive in hospital environments, colonize skin, and pose significant risks to those with weakened immune systems or undergoing invasive procedures, potentially causing outbreaks in healthcare settings.

Detecting *Candida auris* is challenging and often results in missed cases. Many strains are multi-drug resistant or even pan-resistant, complicating treatment. Therefore, precise detection of *Candida auris* and its resistant strains is essential.

Testing Principle

This kits use polymerase chain reaction (PCR) technology to identify *Candida auris* or simultaneously detect *Candida auris*, Azole-resistant mutation sites of ERG11 and Echinocandin-resistant mutation sites of FKS1 from patients or suspected patients with candida auris infection.



Accurate detection of *Candida auris* and its antibiotic-resistant strains is significant.

- Confirm infections and allows for timely treatment.
- Guide the choice of effective antifungal therapies.
- Improve treatment success rates and reduce infection-related mortality.
- Promptly isolating infected patients to prevent the spread in healthcare settings.

Product Features

3 in 1 Detection

Simultaneously detect *Candida auris*, Azole and Echinocandin-resistant mutation sites.

Reliable Results

Internal control (IC) of this kit are designed from human HAPB gene sequences.

Rapid Diagnosis

Amplification time is within 2 hours.

Anti-contamination

UNG/dUTP system can minimize PCR contamination.

Ordering Information

Cat No.	Product Name	Product Form	Shelf Life	Specification	Certification
B701T050B0C1	<i>Candida Auris</i> Nucleic Acid Test Kit	Liquid	12 Months	50 Tests/Box	CE
B70201T2048	<i>Candida auris</i> and Antibiotic-Resistant Strain Nucleic Acid Test Kit	Lyophilized	12 Months	48 Tests/Box	CE

