

genesig™

Candida auris (*C. auris*) ITS2 gene

Available in both **Advanced** and **Easy** kit formats:

- ✓ *Candida auris* genesig™ **Advanced Kit**
- ✓ *Candida auris* genesig™ **Easy Kit**



What is *Candida auris*?

Candida auris is a species of ascomycetous fungus belonging to the *Candida* genus, and was first described clinically after it was isolated in Japan in 2009. Since then, *C. auris* clinical isolates have become increasingly common as contributors to nosocomial bloodstream infections (BSI) in numerous countries globally, and more concerning are increasingly multidrug-resistant. Patients with debilitated immune systems that spend long periods of time in hospitals and other healthcare centres are especially susceptible to *C. auris* infections.

The Primer Design genesig™ **Advanced Kit** for *Candida auris* (*C. auris*) identification is designed for the in vitro quantification of *C. auris* genomes.

Key Features

- ✓ No cold chain shipping.
- ✓ The kit is designed to have a broad detection profile.
- ✓ Under optimal PCR conditions genesig *C. auris* detection kits have very high priming efficiencies of >95% and can detect less than 100 copies of target template.
- ✓ Available for use on any qPCR instrument format (open platform).
- ✓ Results available within 90 minutes.
- ✓ Primers represent 100% homology with >95% of the NCBI database reference sequences available at the time of design.
- ✓ A *C. auris* specific primer and FAM hydrolysis probe mix.

Assay Type: genesig™ Advanced Kit for *Candida auris* ITS2 gene

Detection Profile: The genesig™ Advanced Kit for *C. auris* is configured for use with any real-time PCR instrument equipped to detect amplification in the FAM channel.

Instrumentation: All q-PCR instrumentation that can detect FAM, including:
Novacyt IT-IS™ instrumentation:

- MyGo Pro
- MyGo ESR
- q32

Product Description	Catalogue Number	Kit Size
genesig™ ADV detection kit <i>Candida auris</i>	Z-path- <i>C.auris</i> -ADVANCED	150
genesig™ STD detection kit <i>Candida auris</i>	Z-path- <i>C.auris</i> -STANDARD	150
genesig™ EZY detection kit <i>Candida auris</i>	Z-path- <i>C.auris</i> -EASY	50

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*The dynamics of genetic variation mean that new sequence information may become available after the initial design. Primerdesign periodically reviews the detection profiles of our kits and when required releases new versions.