ANTIMICROBIAL RESISTANCE BANK

Candida auris

AR-BANK#0389

KNOWN ACQUIRED RESISTANCE:

Unknown

PROPAGATION

MEDIUM

Medium: Sabouraud Dextrose agar (SDA)

GROWTH CONDITIONS

Temperature: **30°C**
Atmosphere: **Aerobic**

PROPAGATION PROCEDURE

Remove the sample vial to a container with dry ice or a freezer block. Keep vial on ice or block. (Do not let vial content thaw)

Open vial aseptically to avoid contamination

Using a sterile loop, remove a small amount of frozen isolate from the top of the vial

Aseptically transfer the loop to SDA

Use streak plate method to isolate single colonies

Incubate inverted plate at 30°C for 48 hrs.

MIC (µg/ml) RESULTS AND INTERPRETATION

DRUG	MIC	INT
Fluconazole	256	---
Voriconazole	4	---
Posaconazole	0.125	---
Itraconazole	0.25	---
Caspofungin	0.5	---
Anidulafungin	1	---
Micafungin	0.25	---
Flucytosine	128	---
Amphotericin B*	4	---

S – I –R Interpretation (INT) derived from *CLSI 2012 M27 S4*
SDD (Susceptible Dose Dependent)
* Measured using Etest

BIOSAFETY LEVEL 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *BioSafety in Microbiological and Biomedical Laboratories* (HHS Publication No. (CDC) 21-1112) from the U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, and National Institutes of Health.

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