

Candida Isolate Submission Information

***Candida* isolates may be submitted from any body site (invasive or non-invasive, sterile or non-sterile) that are:**

- Confirmed as *C. auris* at the local laboratory
- Species that are unable to be identified after a validated method of *Candida* species identification was attempted Suspected *C. auris*:
 - *C. auris* can be misidentified as other species, most commonly, *Candida haemulonii*.
 - Common misidentifications by identification method are listed below.
 - Identification of any of these species by the corresponding identification methods should prompt further work up of the isolate at the ARLN lab to rule out *C. auris* (see table below)

Identification Method	Common <i>C. auris</i> Misidentification
Vitek 2 YST	<i>Candida haemulonii</i>
BD Phoenix yeast identification system	<i>Candida haemulonii</i> <i>Candida catenulata</i>
Microscan	<i>Candida catenulata</i> <i>Candida famata</i> <i>Candida guilliermondii</i> <i>Candida lusitaniae</i>
API 20C	<i>Rhodotorula glutinis</i> (and characteristic red color not present) <i>Candida sake</i>

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In addition, the following *Candida* isolates may be submitted

- *Candida* isolates of any species that have been determined to be resistant to antifungal drugs by the clinical laboratory.
- *C. glabrata* isolates from invasive, normally sterile sites (e.g., blood, CSF) regardless of resistance pattern.
- *Candida* species **other than** *C. albicans*, from invasive, normally sterile sites.
- Serial *Candida* isolates (other than *albicans*) from patient receiving antifungal treatment (collected over many days, not from two bottles on the same day) represent a special public health interest (i.e. the possible development of resistance under antifungal pressure) and can be considered for collection.

CONSIDERATIONS FOR ISOLATE COLLECTION/SUBMISSION

- All Isolates must be accompanied with a completed [PH-4182 Clinical Submission Form](#)
- Isolates should be clonal (selected from a single colony) and submitted on a Sabouraud's Dextrose agar slant or other appropriate media.
- Because of the need for rapid identification of *C. auris* to implement infection control precautions, when collecting isolates to rule out *C. auris*, consider arranging for isolates to be shipped directly to your State Public Health Laboratory.
 - For any isolate collected to rule out *C. auris* it is important that your state Hospital Acquired Infection contact and the State Public Health Laboratory are aware of the possibility that the isolate could be *C. auris* so that appropriate infection control measures can be taken.
- *Candida* isolates are stable on fungal slants for up to a month at room temperature
- At this time the following species should not be sent regardless of the source site:
 - *C. albicans*