

***Candida auris***  
**PCR/Culture**  
**Revised 9/25/2023**

<b>Test Description</b>	Molecular assay for the detection of <i>Candida auris</i> DNA in axilla/groin composite or tracheal swab specimens
<b>Test Use</b>	Analysis of clinical specimens in contact/outbreak investigations
<b>Test Department</b>	Mycobacteriology Phone: (860) 920-6649; Bacteriology Phone: (860) 920-6596 Advanced Molecular Diagnostics Phone: (860) 920-6689 FAX (860) 920-6721
<b>Methodology</b>	Real-time Polymerase Chain Reaction (r-PCR) & conventional culture
<b>Availability</b>	Daily, Monday-Friday as needed. <b>Specimens must be received before 1 pm on Fridays.</b>
<b>Specimen Requirements</b>	Composite axilla/groin swabs or tracheal swabs in BD Liquid Amies Elution Swab (Eswab) collection/transport media.
<b>Collection Kit/Container</b>	Liquid Amies Elution Swab (Eswab) collection/transport system. Category B shipping box with or without an ice pack. To request collection kit, refer to Collection Kit Ordering Information.
<b>Collection Instructions</b>	Standard aseptic specimen collection procedures should be followed. Once a swab sample is collected, it should be placed immediately into the BD ESwab transport tube with the transport medium.
<b>Specimen Handling &amp; Transport</b>	Refrigerated at 2–8°C or store at room temperature (15–25°C). Can be shipped (by mail or courier) at room temperature. Specimens must be received within 48 hours of collection.
<b>Unacceptable Conditions</b>	Unlabeled specimens Specimens that have leaked or containers that have broken in transit Specimens that have been improperly collected or stored
<b>Requisition Form</b>	Clinical Test Requisition, OL-9B
<b>Required Information</b>	Name and address of submitter. Two patient identifiers (ie. name, DOB, Acc.#, MRN), town of residence (city, state, zip), specimen source/type, date collected, test(s) requested. Please ensure information on the requisition matches that on the specimen.
<b>Limitations</b>	Testing <b>must be pre-approved</b> by CT DPH Epidemiology and Emerging Infections. Please contact them before submitting any samples to the laboratory at (860) 509-7994.
<b>Additional Comments</b>	The Connecticut State Public Health Laboratory (CT SPHL) established the performance specifications of the PCR test for the detection of <i>C. auris</i> gene ITS2. Culture for isolation of <i>Candida</i> species will be performed concurrently on the composite axilla/groin or tracheal swab by the Mycobacteriology section, with subsequent identification by MALDI-TOF if found in culture by the Bacteriology section.