

Candida auris
PCR/Culture
 Revised 9/25/2023

Test Description	Molecular assay for the detection of <i>Candida auris</i> DNA in axilla/groin composite or tracheal swab specimens
Test Use	Analysis of clinical specimens in contact/outbreak investigations
Test Department	Mycobacteriology Phone: (860) 920-6649; Bacteriology Phone:(860) 920-6596 Advanced Molecular Diagnostics Phone: (860) 920-6689 FAX (860) 920-6721
Methodology	Real-time Polymerase Chain Reaction (r-PCR) & conventional culture
Availability	Daily, Monday-Friday as needed. Specimens must be received before 1 pm on Fridays.
Specimen Requirements	Composite axilla/groin swabs or tracheal swabs in BD Liquid Amies Elution Swab (Eswab) collection/transport media.
Collection Kit/Container	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.
Collection Instructions	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.
Specimen Handling & Transport	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.
Unacceptable Conditions	Unlabeled specimens Specimens that have leaked or containers that have broken in transit Specimens that have been improperly collected or stored
Requisition Form	Clinical Test Requisition, OL-9B
Required Information	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.
Limitations	Testing must be pre-approved by CT DPH Epidemiology and Emerging Infections. Please contact them before submitting any samples to the laboratory at (860) 509-7994.
Additional Comments	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.