

***Candida auris* PCR**

Test Description	Molecular assay for the detection of <i>Candida auris</i> DNA in axilla/groin composite swab specimens
Test Use	Analysis of clinical specimens in contact/outbreak investigations
Test Department	Advanced Molecular Diagnostics Phone: (860) 920-6689, FAX (860) 920-6661
Methodology	Real-time Polymerase Chain Reaction (r-PCR)
Availability	Daily, Monday-Friday as needed
Specimen Requirements	Composite axilla/groin 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 a cold 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 where it comes into contact with the transport medium.
Specimen Handling & Transport	Refrigerated at 4–8°C or store at room temperature (20–25°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 (select Candida auris identification) https://portal.ct.gov/-/media/Departments-and-Agencies/DPH/laboratory/labhome/lab-forms/Clin-Test-Req-OL9B-Rev-2019_FNLFILL-012419.pdf
Required Information	Name and address of submitter (and/or Horizon profile #) Patient name or identifier, date of birth. Please ensure patient name on the requisition matches that on the specimen. Specimen type or source of collection, date collected, test requested
Limitations	Testing requires prior approval of CT DPH Epidemiology and Emerging Infections (860) 509-7994.
Additional Comments	The Connecticut State Public Health Laboratory (CT SPHL) established the performance specifications of this PCR 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 swabs with subsequent identification by MALDI-TOF if found in culture.

Revision: 03/01/2019