

Colonization Screening

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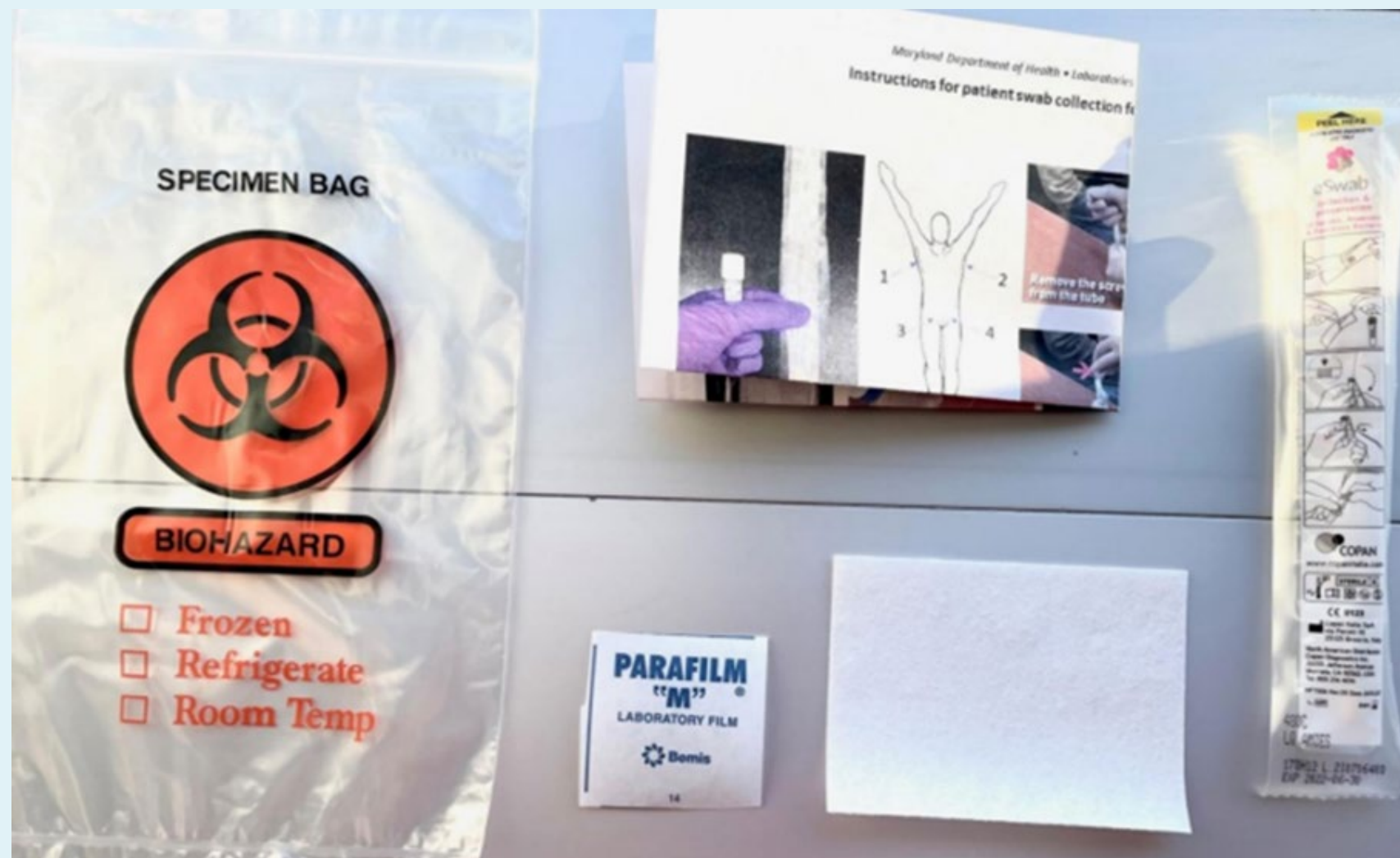
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Infectious Disease Public Health Training



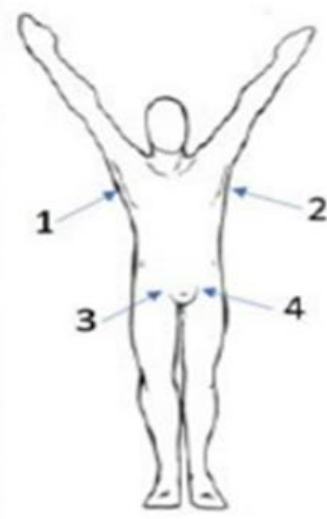
What's in a *C. auris* Colonization Screening Kit?

- Biohazard bag
- Sterile E-swab
- Parafilm square
- Absorbent paper
- Specimen collection instructions
- Insert patient requisition form in the front pocket of biohazard bag*



C. auris Colonization Screening (cont'd)

Maryland Department of Health • Laboratories Administration • ARLN Regional Laboratory
Instructions for patient swab collection for *Candida auris* colonization screening



Remove the screw cap from the tube



Insert the swab all the way to the bottom of the tube



Break the applicator shaft at the colored breakpoint line



Screw the cap on tightly to prevent leakage



1. Use BD ESwab™ Collection and Transport System for collection. Open the package by grasping the plastic at the opposite end from the soft tip. Remove the tube from the packaging. Pull the swab from its package.

2. Rub the soft end of the collection swab across the indicated site 3 to 5 times. Rub both sides of the swab tip over the left axilla skin surface and then the right targeting the crease. With the same swab, rub both sides of the swab tip over the left groin skin surface and then the right targeting the crease.

3. Remove the cap from the swab collection tube, then place the soft end of the collection swab into the tube. **DO NOT** pour the liquid out of the tube. Snap off the end of the swab at the marked line. Screw on the tube cap and Parafilm.

4. Write specimen information on the tube label. Place tube into the biohazard bag with absorbent paper. Place test request form in the outer pocket of the bag.

5. Seal the bag and ship immediately to Maryland Regional Lab as a Biological Substance, Category B. Swabs can be stored for no more than 4 days after collection.

C. auris Colonization Screening (cont'd)

- Axilla-groin specimens
- All specimens must be labeled with the following:
 - Name
 - Date of Birth
 - Collection Date
- These identifiers **MUST** match the accompanying lab slip
- Unlabeled tubes are automatically rejected, regardless of whether they are accompanied by a lab slip/manifest

C. auris Colonization Screening (cont'd)



- Specimens can be shipped at room temperature
- Must be tested within five days of specimen collection
- Must be shipped in compliance with Category B (Cat-B) Biohazard Shipping regulations
- Sealed primary container, i.e., a tightly closed and parafilmmed specimen tube
- Sealed secondary container with absorbent material: a closed biohazard bag with the specimen tube and absorbent paper
- Rigid outer container with UN3373 Label

CPO Colonization Screening

- Index patient's clinical isolate if the resistance mechanism has not yet been identified
 - The gene responsible for carbapenem-resistance must be determined before screening other patients for colonization
- Rectal swabs for patients with possible exposure to the index patient
- Specimens can be shipped at room temperature
- Must be tested within five days of specimen collection
 - Ship swab within one day of collection
- Must be shipped in compliance with Category B (Cat-B) Biohazard Shipping regulations. Sealed primary container, i.e., a tightly closed and parafilm specimen tube
- Sealed secondary container with absorbent material: a closed biohazard bag with the specimen tube and absorbent paper
- Rigid outer container with UN3373 Label

Colonization Screening (cont'd)

- Lab Requisition Requirements:
- Colonization screening requires requisitions to be generated
 - Ordering provider name and title, race, ethnicity
- DO NOT place the requisition in the main compartment with the sample

Maryland Department of Health Laboratories Administration Robert A. Myers, PhD, Director 1770 Ashland Avenue, Baltimore, MD 21205 (443) 681-3800 MDPHL.ARLN@maryland.gov	Candida Auris Colonization Screening Requisition Submitted By: [REDACTED] Date Submitted: 10/21/2021 10:23:03 AM EDT
 Maryland DEPARTMENT OF HEALTH	 Order ID: OIDMD [REDACTED]
Tests	
Candida Auris Colonization	
Has this patient previously tested positive at your facility? No	
Specimen Type: Axilla/Groin Swab	

Colonization Screening (cont'd)



- Swabs are shipped directly to the regional CDC Antibiotic Resistant Laboratory (Maryland Public Health Lab- Baltimore, MD)
- Results are communicated to OLS and HAI staff via email, phone call, or web portal



Sources

- www.cdc.gov/hai/mdro-guides/prevention-strategy.html
- health.maryland.gov/laboratories/Pages/ARLNHome.aspx

Contact Information



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