



## Measles Testing Clarifications 2.16.24

Continue to be aware of potential measles cases in our area. The guidance below clarifies testing and isolation recommendations when ruling out a case.

- Please continue to be alert for cases of measles in your areas in response to the [2/2/24 Montgomery County measles case](#).
  - Remember, if the patient is **vaccinated**, measles is a highly unlikely diagnosis!
  - Many unvaccinated children who have a fever and rash will **not** have measles; assess for alternative diagnoses if measles is epidemiologically unlikely.
  - **Do not refer patients to the ED or urgent care for testing only.**
  - If a patient needs to be referred for testing or clinical evaluation, notify the facility prior to the patient's arrival.
- Place patient in N-95 Airborne precautions right away if you suspect measles (airborne infection isolation room + N-95 respirator for providers). Measles is a Class A reportable illness requiring all suspected cases to be immediately reported to public health. If those resources are not available, place the patient in a private room and keep the door closed.
- Complete rule out testing for measles requires the following:
  - Measles serologies (send out to ARUP)
    - Rubeola (Measles) IgG
    - Rubeola (Measles) IgM
    - Review specimen collection/storage/prep <https://www.testmenu.com/cincinnatichildrens/Tests/431925>
    - [View an article about measles](#) from ARUP
  - Measles PCR (Send out to ODH) – Call ODH Emergency Response (614-722-7221) if unsure of next steps.
    - If ODH gets a positive result, the CDC reports to IN, KY or OH depending on the residency of the patient.
    - Ordering provider would request:
      - Viral transport media
      - Dacron tipped swab
      - Ice Pack
    - Ordering Instructions:
      - Order as an “Unlisted Lab”:
        - Test Name : **Measles PCR ODH**
        - Specimen type needed: Nasopharyngeal or oropharyngeal
        - Container type needed for collection: Viral transport media container
        - Enter special instructions (i.e. name and address of lab to perform tests if not CCHMC) : **-70 storage**