While suspecting measles in your patient, immediately mask and isolate the patient per airborne precautions.*

**STEP 1 - HISTORY**

In the 21 days prior to onset of illness, has patient had any of the following?
- Known exposure to a person with measles?
- International travel, contact with an international traveler, or been to an international airport in the US?
- Visited a venue popular with international visitors?
- Visited or resided in a US community with measles cases?


**If YES to any, continue**

**If NO to all, testing not required. Measles very unlikely.**

**STEP 2 - EXAM**

Has the patient had a combination of...?
- FEVER
- And one or more of: COUGH, CONJUNCTIVITIS, or RUNNY NOSE
- And RASH†
  * Red-brown macules or papules - may become confluent patches
  * Begins on face and progresses downwards to the rest of the body
  * Typically appears within a few days after other symptoms begin

If no rash within 4 days after onset of illness, measles is unlikely.

1. **CALL** Contra Costa Public Health 24/7 to report the suspect case and obtain testing approval at Public Health. Call 925-313-6740 M-F from 8AM – 5PM (or, after hours the Health Officer can be reached at 925-646-2441)
2. **FAX** the completed CCHS ‘Measles Case History Form’ to Public Health at 925-313-6465.
   ⇒ [https://cchealth.org/measles/providers.php](https://cchealth.org/measles/providers.php)
3. **COLLECT** specimens for PCR testing
   - Urine (10-50 mL in sterile container), AND
   - Dacron swab of throat (preferred) or nasopharynx in viral transport media (VTM) (see Photo Guide)
4. **SEND** specimens to Contra Costa Public Health Laboratory (2500 Alhambra Ave, Rm 209, Martinez, CA 94553) and attach a completed ‘Laboratory Requisition Slip’ for each specimen
   ⇒ [https://cchealth.org/laboratory/](https://cchealth.org/laboratory/)

*Place patient in a negative pressure room when available; if not, examine the patient outside the facility or in a private room with the door closed; minimize the time patient spends in the facility. Other precautions apply.

†Immunization in last month with MMR or MMRV can be a cause of measles-like rash - check immunization history. Testing is not indicated if immunized against measles in last month and answer is no to all questions in Step 1.

Measles unlikely, testing not required.

As needed, call public health for consultation.