

Measles Laboratory Testing Decision Tree

DOES THE PATIENT MEET ALL MEASLES LABORATORY TESTING CRITERIA?

- 1) Rash (maculopapular erythematous) beginning on head then descending down body; AND
- 2) Fever; AND
- 3) One or more of the following: cough, coryza, conjunctivitis, or Koplik spots

ID Consult within health system should be requested if unsure of diagnosis

NO

Consider other illness (i.e. allergic reaction, strep, rubella, etc.)

YES

Laboratory Diagnostics

- 1) Collect specimens for diagnostic testing by PCR at Contra Costa Public Health Laboratory:
 - a. Throat swab (Dacron swab) in viral transport media; AND
 - b. Urine (10-40mL)
- 2) Fax the completed CCHS 'Measles Case History Form' to Public Health at (925) 313-6465 AND attach a copy to the Contra Costa Public Health Laboratory specimen requisition slip for specimen submission. Both are on the website at cchealth.org/measles

Notifications

- 1) Advise patient to remain isolated at home until 4 days after rash onset or when lab testing rules out measles.
- 2) Physician needs to report the suspect case by telephone to Contra Costa Public Health at (925) 313-6740 (Health Officer can be reached after hours at 925-646-2441)
- 3) Submitter must make arrangements for the delivery of specimens (M-F 8AM-5PM) to:
Contra Costa Public Health Laboratory
2500 Alhambra Ave., Room 209, Martinez, CA 94553
(925) 370-5775