



Department of Health and Human Services  
Health and Environmental Testing Laboratory  
47 Independence Drive  
# 12 State House Station  
Augusta, Maine 04333-0012  
Tel: (207) 287-2727; Fax: (207) 287-6832  
TTY: 1-800-606-0215

## Measles (Rubeola) Virus Detection by Real Time RT PCR

### Laboratory Submission Information Sheet

Reporting of suspect case to Maine CDC	<ul style="list-style-type: none"><li>• Yes. Measles is a Notifiable Condition. If you have not already done so, please report suspect or confirmed cases to the Maine CDC via the disease reporting line: 1-800-821-5821 (24hrs/day, 7 days/week.)</li></ul>
Required To Submit Laboratory Specimen	<ul style="list-style-type: none"><li>• Yes.</li></ul>
Required Information	<ul style="list-style-type: none"><li>• Information on requisition must include: test requested, patient name, DOB, date of collection, specimen source or type, submitter name and contact information.</li><li>• <b>Important: all specimens must be labeled with patient name, DOB or other unique identifier, and be accompanied by a HETL requisition.</b></li></ul>
Specimen Requirements	<ul style="list-style-type: none"><li>• Preferred specimen is an oropharyngeal or nasopharyngeal swab.</li><li>• <b>ONLY</b> synthetic-tipped swabs (Polyester, Rayon, Dacron) with plastic shafts should be used.</li></ul>
Collection Instructions	<ul style="list-style-type: none"><li>• Specimens should be submitted in viral transport media or other appropriate transport media.</li><li>• Collect samples for PCR within 1-3 days of rash onset</li><li>• Store specimens at 2 to 8 °C until ready for shipping. Specimens should be submitted to lab as soon as possible. Ship specimens on frozen cold packs.</li></ul>
Turn Around Time	<ul style="list-style-type: none"><li>• Results are generally available within 1 - 3 business days of specimen receipt</li></ul>
Rejection Criteria	<ul style="list-style-type: none"><li>• Specimens received without a requisition form, clinical details or with insufficient material to analyze. Specimens in poorly labeled, unlabeled, or leaking containers.</li><li>• Specimens transported at incorrect temperature. Calcium alginate swabs, or swabs with wooden shafts.</li></ul>
Results	<ul style="list-style-type: none"><li>• Measles RNA Detected or Measles RNA Not Detected</li><li>• Results will only be reported to the submitter listed on the requisition</li></ul>
Laboratory Testing Fee	<ul style="list-style-type: none"><li>• \$110 (Fee may be waived if testing is part of an outbreak investigation by Maine CDC).</li></ul>
Applicable CPT Codes	<ul style="list-style-type: none"><li>• 87798</li></ul>
Additional Information	<ul style="list-style-type: none"><li>• Bacteriology at 207-287-1704</li><li>• Virology, Respiratory, Arbovirus, Serology, and STI at 207-287-1722</li><li>• Molecular Biology, Sequencing, and Foodborne at 207-287-5769</li><li>• Mycobacterium and Rabies at 207-287-1706</li></ul>