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 Health and Environmental Testing Laboratory  
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## Detection of Dengue by Real Time RT PCR

### Laboratory Submission Information Sheet

Reporting of suspect case to Maine CDC	<ul style="list-style-type: none"> <li>• Yes: Dengue 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>• NO, however, submission of samples of suspect cases is recommended.</li> <li>• HETL Arbovirus submission form IS REQUIRED to perform Dengue PCR testing as travel history within 2 weeks prior to symptom onset is pertinent information</li> <li>• Date of onset is REQUIRED</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 AND Arboviral submission form.</b></li> </ul>
Specimen Requirements	<ul style="list-style-type: none"> <li>• Cerebral Spinal Fluid (CSF) (0.5ml minimum, 1ml preferred) or serum (at least 1.0mL). Samples should be kept at 2-8°C for short term storage and may be frozen (-70°C) for long term storage. Collect specimen in a sterile leak proof container. Avoid contamination of specimen with blood.</li> </ul>
Collection Instructions	<ul style="list-style-type: none"> <li>• Spinal Fluid: Collect acute specimens 2–7 days after onset of symptoms in sterile container.</li> <li>• Serum: Collect acute specimen 3–10 days after onset of symptoms, in a sterile serum separator tube</li> <li>• Convalescent specimen may be submitted 2 – 3 weeks after acute sample.</li> <li>• Use frozen cold packs to transport samples to the lab.</li> </ul>
Turn Around Time	<ul style="list-style-type: none"> <li>• PCR results are generally available within 1 - 3 business days of specimen receipt at HETL</li> </ul>
Unacceptable Conditions	<ul style="list-style-type: none"> <li>• Specimens received without a form and clinical details or with insufficient material to analyze.</li> <li>• Rejection Criteria: CSF or serum diluted in Viral Transport Media (VTM), specimen leaking, specimen not refrigerated or not frozen, incorrect specimen type</li> </ul>
Results	<ul style="list-style-type: none"> <li>• Dengue virus RNA Detected or 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 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>