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## Detection of Chikungunya by Real Time RT PCR

### Laboratory Submission Information Sheet

Reporting of suspect case to Maine CDC	<ul style="list-style-type: none"><li>• Yes: Chikungunya 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 Chikungunya PCR testing as travel history within 3 months 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 0.5mL). 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 2–10 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></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 not refrigerated or not frozen, incorrect specimen type</li></ul>
Results	<ul style="list-style-type: none"><li>• Chikungunya 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>