



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

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">• 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.)
Required To Submit Laboratory Specimen	<ul style="list-style-type: none">• NO, Submission of samples of suspect cases is recommended.• HETL Arbovirus submission form IS REQUIRED to perform Chikungunya PCR testing as travel history within 3 months prior to symptom onset is pertinent information
Required Information	<ul style="list-style-type: none">• Information on requisition must include: suspected organism, patient name, DOB, date of collection, specimen source or type, submitter name and contact information.• Important: all specimens must be labeled with patient name and be accompanied by a HETL requisition.
Specimen Requirements	<ul style="list-style-type: none">• Cerebral Spinal Fluid (CSF) (0.5ml minimum, 1ml preferred) or serum (at least 0.5mL). Samples should be kept at 4°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.
Collection Instructions	<ul style="list-style-type: none">• Spinal Fluid: Collect acute specimens 2–10days after onset of symptoms in sterile container.• Serum: Collect acute specimen 3–10days after onset of symptoms, in a sterile serum separator tube• Convalescent specimen may be submitted 2 – 3weeks after acute sample.
Turn Around Time	<ul style="list-style-type: none">• Results should be expected within 1 - 2 business days of specimen receipt
Unacceptable Conditions	<ul style="list-style-type: none">• Specimens received without a form and clinical details or with insufficient material to analyze.• Rejection Criteria: CSF or serum diluted in Viral Transport Media (VTM), specimen not refrigerated or not frozen, incorrect specimen type
Results	<ul style="list-style-type: none">• Chikungunya virus RNA DETECTED.• Chikungunya virus NOT RNA DETECTED.• All results will be reported only to submitter as stated on requisition via mail or fax.
Laboratory Testing Fee	<ul style="list-style-type: none">• \$110 (Fee waived if testing is part of an outbreak investigation by Maine CDC)
Applicable CPT Codes	<ul style="list-style-type: none">• 87798
Additional Information	<ul style="list-style-type: none">• Bacteriology at 207-287-1704, Virology, Respiratory, Arbovirus, and Serology at 207-287-1722• Molecular Biology, Sequencing, and Foodborne at 207-287-5769• Mycobacterium and Rabies at 207-287-1706• CT/GC at 207-287-6244