



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 the West Nile Virus, Saint Louis Encephalitis Virus, and Eastern Equine Encephalitis Virus By Real Time RT PCR

### *Laboratory Submission Information Sheet*

Reporting of suspect case to Maine CDC	<ul style="list-style-type: none"> <li>• Suspect cases of WNV, SLE or EEE are not required to be reported to MeCDC, however notification is appreciated. Laboratory confirmed cases of WNV, SLE or EEE must be reported immediately to MeCDC at 1-800-821-5821</li> </ul>
Required To Submit Laboratory Specimen	<ul style="list-style-type: none"> <li>• NO, 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>• EEE is a select agent</li> </ul>
Required Information	<ul style="list-style-type: none"> <li>• Information on requisition must include: suspected organism, 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 and be accompanied by a HETL requisition.</b></li> </ul>
Specimen Requirements	<ul style="list-style-type: none"> <li>• Cerebral Spinal Fluid (CSF) (1.0ml minimum, 2.0ml preferred)</li> <li>• Serum: 1.0ml minimum acute serum is SST . A convalescent and acute serum is required for all MIA test requests with symptom onset date between June 1st and November 30th.</li> <li>• Samples should be kept at 4°C</li> </ul>
Collection Instructions	<ul style="list-style-type: none"> <li>• Spinal Fluid: Collect acute specimens 2–10days after onset of symptoms in sterile container.</li> <li>• Serum: Collect acute specimens immediately , in a sterile serum separator tube</li> <li>• Convalescent specimen may be submitted 2 – 3weeks after acute sample. (A negative result on acute specimens collected within the first 10 days of illness is not sufficient to rule out infection)</li> </ul>
Turn Around Time	<ul style="list-style-type: none"> <li>• Results should be expected within 5-7 business days of specimen receipt</li> <li>• If ordering Enterovirus PCR; Herpes Simplex Virus 1/2 PCR; Varicella-Zoster Virus PCR, or Neisseria meningitidis the turnaround times for these tests are substantially less than that for MIA</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>• Do not freeze</li> </ul>
Results	<ul style="list-style-type: none"> <li>• IgM Multiplex Assay: WNV “Negative” or “Positive” ; EEE “Negative or “Positive”; SLE (Saint “Negative” or “Positive” . Comments may include: “Sent to CDC for Confirmation” Note: a separate report will be generated for CSF and Serum when submitted from the same patient.</li> <li>• All results will be reported only to submitter as stated on requisition via mail or fax.</li> </ul>
Laboratory Testing Fee	<ul style="list-style-type: none"> <li>• \$110 : Testing fees are waived for MIA Testing for WNV, SLE and EEE</li> </ul>
Applicable CPT Codes	<ul style="list-style-type: none"> <li>• N/A : Testing fees are waived for MIA Testing for WNV, SLE and EEE</li> </ul>
Additional Information	<ul style="list-style-type: none"> <li>• Bacteriology at 207-287-1704, Virology, Respiratory, Arbovirus, and Serology 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> <li>• CT/GC at 207-287-6244</li> </ul>