

<b>Powassan and Deer Tick Virus Laboratory Submission Information Sheet</b>	
Reporting of suspect case to Maine CDC:	Yes: <i>Powassan and Deer Tick Virus</i> are Notifiable Conditions. If you have not already done so, please report suspect or confirmed cases to the Maine CDC via the disease reporting line: <b>1-800-821-5821</b> (24hrs/day 7 days/week.)
Required To Submit Laboratory Specimen:	No
Required Information:	Information on requisition must include: suspected organism, patient name, DOB, date of collection, date of onset, specimen source or type, submitter name and contact information. Specimen must be labeled with patient name. <b>IMPORTANT: ALL SPECIMENS MUST BE LABELED WITH PATIENT NAME AND BE ACCOMPANIED BY AN HETL REQUISITION</b>  Requisition, Arbovirus submission form and federal CDC DASH form available at: <a href="http://www.maine.gov/dhhs/mecdc/public-health-systems/health-and-environmental-testing/micro/documents/clinical-test-requisition-front.pdf">http://www.maine.gov/dhhs/mecdc/public-health-systems/health-and-environmental-testing/micro/documents/clinical-test-requisition-front.pdf</a>
Required forms: 1. HETL Requisition Form	Requisition form: <a href="#">PDF</a> Date of Onset <b>IS REQUIRED</b> to perform <i>Powassan and Deer Tick Virus</i> PCR testing
2. Human Arbovirus Specimen Submission Form	Arbovirus Submission Form - <a href="#">PDF</a> Arbovirus submission form <b>IS REQUIRED</b> to perform <i>Powassan and Deer Tick Virus</i> PCR testing as travel history within 3 months prior to symptom onset is pertinent information
Specimen Requirements:	Cerebral Spinal Fluid (CSF) (0.5ml minimum, 1ml preferred) or Whole blood in EDTA, lavender top (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 CSF with blood.
Collection Instructions:	Spinal Fluid: Collect acute specimen 2 –10 days after onset of symptoms. Sample should be submitted in a sterile, screw cap <b>leakproof</b> container and clearly marked with patient's name, date of collection and other identifiers such as DOB. Whole blood: Collect acute specimen 3 – 10 days after onset of symptoms. Blood samples should be submitted in a sterile EDTA tube, lavender top and clearly marked with patient's name, date of collection and other identifiers such as DOB.
Specimen Handling and Transport:	CSF and blood specimens should be stored and shipped cold (2 - 8°C)  For more information on shipping please visit: <a href="http://www.maine.gov/dhhs/etl/micro/Client_directions_Ship_Cat_B_Spec_11_19_08.doc">http://www.maine.gov/dhhs/etl/micro/Client_directions_Ship_Cat_B_Spec_11_19_08.doc</a>
Turn Around Time:	24-48hrs
Unacceptable Conditions:	Blood specimens that are clotted CSF or whole blood diluted in Viral Transport Media (VTM) Specimens not refrigerated or not frozen Incomplete specimen labeling/documentation Insufficient specimen volume Incorrect specimen type
Results Include(PCR)	<i>Powassan virus</i> RNA DETECTED or NOT DETECTED. <i>Deer Tick virus</i> RNA DETECTED or NOT DETECTED.
Results:	All results will be reported only to <b>submitter</b> as stated on requisition via mail or fax.
Laboratory Testing Fee:	Submitters who request PCR for <b><i>Powassan and Deer Tick Virus</i></b> PCR will be charged a \$110.00 fee.
Applicable CPT Codes:	CPT: 87798
MeCDC Epidemiologists only	N/A
Additional Information:	For <i>Powassan and Deer Tick Virus</i> PCR specific questions contact Maine HETL <b>Molecular Biology at 207-287-5769, Serology/Virology at 207-287-1722</b>