



Maine Center for Disease Control and Prevention

An Office of the Department of Health and Human Services

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<b>MUMPS</b> <b>Laboratory Submission Information Sheet</b>	
Reporting of suspect case to Maine CDC:	Yes: Mumps 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: <b>1-800-821-5821</b> (24hrs/day 7 days/week.)
Required To Submit Laboratory Specimen:	<b>Clinical laboratories are required to submit specimens.</b>
Required Information:	Information on requisition must include: suspected organism, patient name, DOB, date of collection, specimen source or type, submitter name and contact information. Specimen must be labeled with patient name. <b>IMPORTANT: Patient name written on requisition and patient name on specimen itself must match.</b> Requisition form available at: <a href="http://mainegov-images.informe.org/dhhs/et/micro/clinical_requisition.pdf">http://mainegov-images.informe.org/dhhs/et/micro/clinical_requisition.pdf</a>
Specimen Requirements:	PCR: Preferred specimen is a buccal swab in conjunction with an oropharyngeal (throat) swabs and nasopharyngeal swabs. Whenever possible, both a throat swab and NP swab should be collected for PCR. Serum: IgM testing is available only for suspect cases that have been reported to the Maine CDC. Specimens should be collected within the first 5 days of symptoms. Paired IgG serology should have a minimum of 7 days between the date the first sample is collected and when the second sample is collected (acute and convalescent).
Collection Instructions:	<b>ONLY synthetic-tipped swabs (Polyester, Rayon, and Dacron) should be used. Do not use wooden swabs or calcium alginate swabs.</b> Massage the parotid gland just in the front of the ear and near the angle of the jaw for 30 seconds. Swab the area between the cheek and gum by sweeping the swab near the upper molar to the lower molar area. Try to obtain a generous amount of saliva in the process. Throat and NP swabs should be collected as usual. Specimens should be submitted in viral transport media provided in the kit. Collect a minimum of 1.0 mL of serum for IgG and IgM testing.
Specimen Handling and Transport:	Store specimens at 2-8°C until ready for shipping. Specimens should be submitted to lab as soon as possible. For faster turn around time to obtain results, consider hand delivery to HETL. Use wet ice or cold packs to maintain 2-8°C during delivery. For shipping purposes, clinical specimens are category B
Turn Around Time:	PCR results are generally available within 24 hours after arrival. Serology results are generally available within 24-48 hours after arrival.
<i>MeCDC Epidemiologists only</i>	<b>Contact HETL for outbreak kits @ 287-1716</b>
Unacceptable Conditions:	Specimens received without a form and clinical details, with insufficient material to analyze ( <b>less than 0.5ml of VTM or Normal Saline for PCR</b> ), collected with wooden shaft or calcium alginate swabs. Specimens in poorly labeled or leaking containers will not be tested.
Results Include:	PCR: No Mumps RNA detected; Mumps RNA detected Serology: IgM – Negative, Equivocal, Positive IgG – Immune, Not Immune Paired IgG: Reported as reciprocal of titer (i.e. S1=64, S2=64) Interpretation of paired sera values will be provided
Results:	All results will be reported only to <b>submitter</b> as stated on requisition via mail or fax.
Laboratory Testing Fee:	With prior authorization from Maine CDC epidemiologist, specimens submitted during a possible outbreak will be tested at no cost to the submitter, or patient. PCR \$40.00, IgG serology \$20.00 per sample
Applicable CPT Codes:	83891(nucleic acid extraction), 83898 (RT), 83902 (amplification), 86735 (IgG)
Additional Information:	For Mumps specific questions contact Maine HETL - <b>Virology at 207-287-1722</b>