



IDAHO DEPARTMENT OF HEALTH & WELFARE  
**DIVISION OF PUBLIC HEALTH**

<b>Test Title</b>	<b>Detection of Measles RNA in Clinical Samples</b> <b>Methodology: Reverse Transcription Real-Time PCR</b>
<b>Sample Requirements</b>	<ol style="list-style-type: none"><li>1. Sample type: throat (oropharyngeal), nasal, or nasopharyngeal (NP) swabs sent in Viral Transport Media (VTM) or universal transport media (UTM)</li><li>2. Rejection criteria: specimens collected on calcium alginate or wooden shaft swabs, or dried out swabs</li></ol>
<b>Sampling Materials</b>	<ol style="list-style-type: none"><li>1. Throat and/or NP or nasal swabs should be collected and placed into VTM.</li><li>2. Samples are to be collected on the first day of rash through the 3 days following onset of rash. Detection of measles RNA by RT-PCR may be successful as late as 10-14 days post rash onset.</li></ol>
<b>Procedural Notes</b>	<ol style="list-style-type: none"><li>1. <a href="#">Clinical Test Request Form</a></li><li>2. CPT code - 87798</li></ol>
<b>Shipping Instructions</b>	<ol style="list-style-type: none"><li>1. Temperature/preservative instructions: Keep sample cold and transport on ice packs. Do not freeze at -20°C.</li><li>2. Package according to Biological Substance, Category B, shipping guidelines.</li><li>3. Ship to: Idaho Bureau of Laboratories <b>ATTENTION: Virology Laboratory</b> 2220 Old Penitentiary Rd Boise, ID 83712</li></ol>
<b>Reporting and Turnaround Time (TAT)</b>	<ol style="list-style-type: none"><li>1. TAT: 2 business days</li><li>2. This disease must be reported to your local health district or to the state Bureau of Communicable Disease Prevention according to the rules and regulations governing the Idaho reportable diseases (IDAPA 16.02.10).</li><li>3. Reference Range: N/A</li></ol>