



IDAHO DEPARTMENT OF HEALTH & WELFARE
DIVISION OF PUBLIC HEALTH

Test Title	Detection of Measles RNA in Clinical Samples Methodology: Reverse Transcription Real-Time PCR
Sample Requirements	<ol style="list-style-type: none">1. Sample type: throat (oropharyngeal), nasal, or nasopharyngeal (NP) swabs sent in Viral Transport Media (VTM) or universal transport media (UTM)2. Rejection criteria: specimens collected on calcium alginate or wooden shaft swabs, or dried out swabs
Sampling Materials	<ol style="list-style-type: none">1. Throat and/or NP or nasal swabs should be collected and placed into 1-3mL of transport medium. Transport samples with cold packs as soon as possible following sample collection.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.
Procedural Notes	<ol style="list-style-type: none">1. Clinical Test Request Form2. CPT code - 87798
Shipping Instructions	<ol style="list-style-type: none">1. Temperature/preservative instructions: Keep sample cold and transport on ice packs. Avoid repeat freeze-thaw cycles or freezing at -20°C because formation of ice crystals decreases infectivity.2. Package according to Biological Substance, Category B, shipping guidelines.3. Ship to: Idaho Bureau of Laboratories ATTENTION: Virology Laboratory 2220 Old Penitentiary Rd Boise, ID 83712
Reporting and Turnaround Time (TAT)	<ol style="list-style-type: none">1. TAT: 2 business days2. 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).3. Reference Range: N/A