

## Mumps PCR

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| <b>Test Description</b>                  | Molecular assay for the detection of mumps virus nucleic acid in human buccal specimens.  |
| <b>Test Use</b>                          | Test of choice for diagnosis of acute mumps virus infection.  |
| <b>Test Department</b>                   | Virology<br>Phone: (860) 920-6662, FAX (860) 920-6661   |
| <b>Methodology</b>                       | Reverse Transcriptase Polymerase Chain Reaction (RT-PCR)  |
| <b>Availability</b>                      | Referred to the Centers for Disease Control and Prevention for testing.   |
| <b>Specimen Requirements</b>             | Parotid gland/buccal (the space between the cheek and teeth) swab submitted in viral transport media.<br>Use only polyester or Dacron-tipped swabs with plastic or aluminum shafts. Do NOT use calcium alginate or cotton tipped, or wood shafted swabs.  |
| <b>Collection Kit/Container</b>          | Category B shipping box with cold pack<br>To obtain collection kit, refer to Collection Kit Ordering Information.   |
| <b>Collection Instructions</b>           | Massage the parotid gland for 30 seconds prior to swabbing area around Stenson's duct.<br>Immediately place swab into viral transport media.  |
| <b>Specimen Handling &amp; Transport</b> | Store specimen at 2-8° C.<br>Transport with an ice pack coolant.<br>Specimens must be received within 48 hours of collection.   |
| <b>Unacceptable Conditions</b>           | Unlabeled specimen<br>Specimens that have leaked or containers that have broken in transit<br>Specimens improperly collected or transported   |
| <b>Requisition Form</b>                  | Clinical Test Requisition (select <b>Mumps PCR</b> )  |
| <b>Required Information</b>              | Name and address of submitter (and/or Horizon profile #)<br>Patient name or identifier, date of birth, town of residence (city, state, zip)<br>Specimen type or source of collection, test requested, date of collection, <b>date of onset</b><br>Please ensure patient name on the requisition matches that on the specimen. |
| <b>Limitations</b>                       | A negative result does not rule out infection with mumps virus.   |
| <b>Additional Comments</b>               | Specimen is referred to the Centers for Disease Control and Prevention in Atlanta, GA for testing.  |

Revision: 8/25/15