

Mumps Virus, Molecular Detection, PCR, Buccal

Test ID: MUMPR

Useful for:

Rapid qualitative detection of mumps virus using buccal swab specimens.

Methods:

Real-Time Polymerase Chain Reaction (PCR)

Reference Values:

Negative

Specimen Requirements:

Specimen Type: Buccal Swab

Supplies: Culturette (BBL Culture Swab) (T092)

Container/Tube: Sterile container with transport media

Specimen Volume: Entire collection

Collection Instructions:

1. Collect specimen by swabbing back and forth over mucosal surface around buccal cavity (the space near the upper rear molars between the cheek and the teeth) to maximize recovery of cells.
2. Swab must be placed into viral transport media (eg, M4-RT, M4, M5, Barthels FlexTrans Media or Jiangsu Transport Media).

Minimum Volume: 0.3 mL

Specimen Stability Information:

Specimen Type	Temperature	Time
Swab	Refrigerated (preferred)	7 days
	Frozen	7 days

Cautions:

A negative test does not rule-out infection with mumps virus. Therefore, the results should be used in conjunction with clinical findings and serologic test results to make an accurate diagnosis. The potential for false-negative results exists due to improper sample collection or viral variants.

CPT Code:

87798

Day(s) Performed: Monday through Friday

Report Available: 1 to 3 days

Questions

Contact James Conn, Laboratory Technologist Resource Coordinator at 800-533-1710.