

## Measles Virus, Molecular Detection, PCR, Throat

**Test ID:** MEASR

**Useful for:**

Rapid qualitative detection of measles virus using throat swab specimens.

**Methods:**

Real-Time Polymerase Chain Reaction (PCR)

**Reference Values:**

Negative

**Specimen Requirements:**

**Specimen Type:** Throat 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 of the throat to maximize recovery of cells.
2. Swab must be placed into viral transport media (eg, M4-RT, M4, M5, Bartels FlexTrans Transport Media, Jiangsu Transport Media).

**Minimum Volume:** 0.3 mL

**Specimen Stability Information:**

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

**Cautions:**

A negative test does not rule out infection with measles 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.