

**Measles (Rubeola), PCR, Swab**


Order Name: **Measles PCR Swb**  
Test Number: **5197134**  
Revision Date: **04/11/2025**

| TEST NAME                    | METHODOLOGY                      | LOINC CODE |
|------------------------------|----------------------------------|------------|
| Measles (Rubeola), PCR, Swab | <u>Polymerase Chain Reaction</u> | 91077-8    |

**SPECIMEN REQUIREMENTS**

| Specimen     | Specimen Volume (min)  | Specimen Type | Specimen Container              | Transport Environment |
|--------------|--|---------------|---------------------------------|-----------------------|
| Preferred    | 1  | Swab          | Viral Transport Media (VTM)     | Refrigerated          |
| Alternate 1  | 1  | Swab          | Universal Transport Media (UTM) | Refrigerated          |
| Instructions | <p><b>Specimen:</b> Throat or NP swab<br/><b>Volume:</b> One swab (Minimum Volume: One swab)<br/><b>Container:</b> Viral Transport Media (VTM) or Universal Transport Media (UTM)<br/><b>Collection:</b> Throat specimen (preferred): Collect the specimen by swabbing the posterior pharynx. Nasopharyngeal swab: Collect the NP swab using standard techniques.<br/><b>Storage Requirements:</b> Refrigerated<br/><b>Stability Requirements:</b> Room temperature n/a; Refrigerated 7 days; Frozen 14 days.<br/><b>Cause for Rejection:</b> Improperly submitted specimens: Specimen not received in an approved VTM/UTM; swabs received in Liquid Amies (E-Swabs) or other bacterial swabs; specimens; specimens received outside the stated stability.specimens received without a swab; grossly leaking</p> |               |                                 |                       |

**GENERAL INFORMATION**

|                     |  |
|---------------------|--|
| Expected TAT        | 3 days from set up at the performing laboratory  |
| Clinical Use        | The Measles (Rubeola) PCR test is used as the preferred method for detecting measles in patients with compatible symptoms (fever, malaise, cough, coryza and/or conjunctivitis).   |
| Notes               | <b>Limitations:</b> A negative test does not rule out infection with measles virus. Results should be interpreted in conjunction with clinical finding and serological testing. Specimens should be collected as soon as possible after the development of rash to maximize the sensitivity of measles RNA detection. Improperly collected samples may result in false negative results. PCR assays may be impacted by viral variants and may result in reduced sensitivity or false negative results. This test was developed and its performance characteristics determined by Labcorp. It has not been cleared or approved by the Food and Drug Administration. |
| CPT Code(s)         | 87798  |
| Service Provided By |  <b>labcorp</b><br>Oklahoma, Inc.   |