

Southern Nevada Public Health Laboratory
TEST MENU

Measles Vaccine Virus Detection- CLIA CDC-1028

Method	Real-Time reverse-transcription polymerase chain reaction (rRT-PCR) assay
CPT Code	87481 Infectious agent detection by nucleic acid (DNA or RNA)
Specimen	Nasopharyngeal swabs
Collect in	1 nasopharyngeal swab collected in 3 mL of standard viral transport medium (VTM) Collection kits may be provided by contacting SNPHL at 702-759-1020.
Labeling	Label transport tube with patient's first and last name, date and time of collection
Processing	Indicate specimen source on requisition form.
Transport	Store and transport refrigerated (2-8°C) within 72 hours or freeze (-20 ° C) Room Temperature UNACCEPTABLE
Sample Rejection	- Specimens > 72 hours old and not frozen - No swab present or swab without media - Mislabeled/unlabeled specimen - Specimen quantity not sufficient for testing (QNS)
Requisition	SNPHL Request Forms Testing is performed only at the request of SNHD
Turn Around Time	48-72 hours following receipt in our laboratory
Results	Measles detected or not detected
Reported	System generated fax; Electronic transmission
Note	• This assay specifically detects measles (CDC 10543) and measles vaccine strains. • It should only be performed on specimens collected from patients who have potentially been exposed to wild-type virus OR may have a suspect vaccine reaction due to a recently administered vaccination. Vaccination history is required. • Do not use medium that may contain Guanidium thiocyanate or any guanidine containing material.
Contact	Southern Nevada Public Health Laboratory – Virology Department