

Southern Nevada Public Health Laboratory
TEST MENU

Respiratory Pathogen Panel BioFire-Diagnostic and Surveillance

Method	Nucleic acid detection by Multiplex PCR FDA approved the method
CPT Code	87631 Molecular amplification, multiple agents
Specimen	Nasopharyngeal swab for Diagnostic Nasal swab for Surveillance (only ordered by SNHD Office of Epidemiology)
Collect in	Swab specimen should be collected only on swabs with a Dacron tip and an aluminum or plastic shaft. Swabs with calcium alginate or cotton tips and wooden shafts are unacceptable. Following collection, all specimens are placed in Viral Transport Media (VTM) M4
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)
Sample Rejection	- Specimens > 72 hours old and not frozen - Samples collected with calcium alginate or cotton tips and wooden shafts - 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	Adenovirus, Coronavirus 229E, Coronavirus HKU1, Coronavirus NL63, Coronavirus OC43, Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2), Human Metapneumovirus, Human Rhinovirus/Enterovirus, Influenza A, including subtypes H1, H3, and H1-2009, Influenza B, Parainfluenza Virus 1, 2, 3, 4, Respiratory Syncytial Virus, Bordetella parapertussis, Bordetella pertussis, Chlamydomphila pneumoniae, Mycoplasma pneumoniae nucleic acid detected or not detected
Reported	System generated fax; Electronic transmission
Note	A not detected result does not preclude the possibility of respiratory pathogen infection in the patient. A detected result does not preclude the presence of other respiratory pathogens.
Contact	Southern Nevada Public Health Laboratory – Virology Department