

Respiratory Pathogen Panel, PCR, Nasopharyngeal

Test ID: RESPM

Useful for:

Rapid detection of respiratory infections caused by the following:

- Adenovirus
- Coronavirus (serotypes HKU1, NL63, 229E, OC43)
- Human metapneumovirus
- Human rhinovirus/enterovirus
- Influenza A (H1, H1-2009, H3)
- Influenza B
- Parainfluenza virus (serotypes 1-4)
- Respiratory syncytial virus (RSV)
- Bordetella pertussis*
- Chlamydophila pneumoniae*
- Mycoplasma pneumoniae*

Methods:

Multiplex Polymerase Chain Reaction (PCR)

Reference Values:

Negative (for all targets)

Specimen Requirements:

Supplies:

Nasopharyngeal Swab (Rayon Mini-Tip Swab) (T515)
M4-RT media (T605)

Specimen Type: Nasopharyngeal Swab

Container/Tube: Culture transport swab (T515) and Viral Transport medium (eg, M4, M4-RT [T605], M5, M6, universal transport medium). See Collection Instructions.

Specimen Volume: Entire collection/1 swab

Collection Instructions: Nasopharyngeal swab specimens should be collected according to standard technique and immediately placed into viral transport media and submitted for testing.

Specimen Stability Information:

Specimen Type	Temperature	Time
Varies	Refrigerated (preferred)	72 hours
	Frozen	30 days

Cautions:

The detection of microbial DNA or RNA is dependent upon proper sample collection, handling, transportation, storage, and preparation. There is a risk of false-negative results due to the presence of strains with sequence variability or genetic rearrangements in the target regions of the assays.

This test is not recommended as a test of cure.

Repeat testing should not be performed on samples collected less than 7 days apart.

CPT Code:

87633

87486

87581

87798

Day(s) Setup: Monday through Sunday; Continuously

Analytic Time: 1 day

Note:

The following referral test code(s) will become obsolete.

Test Name	Test ID	Referral Lab Code	Referral Lab
Respiratory Virus Profile (RVP), PCR	FRVP	139250	LabCorp Burlington
Respiratory Pathogen Profile, PCR	ZW76	139650	LabCorp Burlington

Questions

Contact Brandon DeBoom, Laboratory Technologist Resource Coordinator at 800-533-1710.