

Improved NAAT for Respiratory Pathogens

Effective May 15, 2019

NEW NUCLEIC ACID AMPLIFICATION TEST WITH IMPROVED TURNAROUND TIME FOR RESPIRATORY VIRUSES AND BACTERIA

WDL's Microbiology/Molecular Diagnostics department is replacing the Respiratory Virus Extended Panel Nucleic Acid Amplification Test (V RESPEXP NAAT) with the Respiratory Extended Pathogen Panel Nucleic Acid Amplification Test (RESP EPP NAAT). The new test provides both additional pathogen detection and improved turnaround time.

SPECIMEN COLLECTION:

Acceptable specimens include Bronchoalveolar Lavage (BAL), Bronch Wash, Nasal, Nasal Aspirate, Nasal Wash, Nasopharyngeal, Pleural Fluid, Sputum, Throat, and Tracheal Aspirate specimens.

SPECIMEN TRANSPORT AND STABILITY:

- Swab specimens in Viral Transport Medium (VTM) or Universal Transport Medium (UTM) are stable for 4 hours at room temperature, 72 hours refrigerated, or 30 days frozen.
- Swab specimens not in VTM or UTM and fluid specimens are stable for 4 hours at room temperature or 24 hours refrigerated.

NOTE:

Detection of *Bordetella pertussis* and *Chlamydia pneumoniae* using a Nucleic Acid Amplification Test specific to those pathogens provides higher sensitivity than this Extended Pathogen Panel. If infection with either pathogen is suspected, it is recommended to request the specific test: *Bordetella pertussis*/parapertussis NAAT (BORD NAAT) or *Chlamydia pneumoniae* NAAT (CHLPNENAAT).

TESTING DAYS AND TURNAROUND TIME:

- Testing will be performed in an on demand manner; 24 hours per day/7 days per week.
- Expected turnaround time is 8 hours from receipt in the laboratory.

ORDERING:

Test	Mnemonic	Epic Code	Test Code	CPT Code(s)
Respiratory Extended Pathogen Panel Nucleic Acid Amplified Test	RESP EPP NAAT	LAB55	7000233	87633, 87798 x2, 87486, 87581

FOR QUESTIONS OR ADDITIONAL INFORMATION, PLEASE CALL:

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PATHOGENS DETECTED
Adenovirus
Coronavirus 229E
Coronavirus HKU1
Coronavirus NL63
Coronavirus OC43
Human Metapneumovirus
Influenza A
Influenza B
Parainfluenza Virus 1
Parainfluenza Virus 2
Parainfluenza Virus 3
Parainfluenza Virus 4
Respiratory Syncytial Virus
Human Rhinovirus/Enterovirus
<i>Bordetella parapertussis</i> (IS1001)
<i>Bordetella pertussis</i> (ptxP)
<i>Chlamydia pneumoniae</i>
<i>Mycoplasma pneumoniae</i>

