

LAB1850 Respiratory Pathogen Panel

BMC

Performing Location(s)

BMC

Specimen Type

Nasopharyngeal Swab

Preferred Container

M4RT VTM



Alternate Container

Saline

Volume Required

3mL VTM or Saline

Storage Requirements

Room temperature in VTM or Saline for up to 4 hours

Refrigerated in VTM or Saline for up to 3 days

Frozen in VTM or Saline for up to 30 days

Transportation Needs

Refrigerated

Causes for Rejection

Mislabeled or unlabeled specimen

> 4 hours at room temperature

> 3 days refrigerated

> 30 days frozen

Source other than nasopharyngeal

Reference Values

Population	Targets	Units	Reference Range
All populations	All targets	None	Not Detected

Additional Information

Tests for the following respiratory pathogens:

Viruses
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 virus
Influenza A virus A/H1
Influenza A virus A/H3
Influenza A virus A/H1-2009
Influenza B virus
Parainfluenza virus 1
Parainfluenza virus 2
Parainfluenza virus 3
Parainfluenza virus 4
Respiratory syncytial virus (RSV)
Bacteria
<i>Bordetella parapertussis</i>
<i>Bordetella pertussis</i>
<i>Chlamydia pneumoniae</i>
<i>Mycoplasma pneumoniae</i>

Limitations

Results from this test must be correlated with the clinical history, epidemiological data, and other data available to the clinician evaluating the patient.

The detection of viral and bacterial nucleic acid is depend upon proper specimen collection, handling, transportation, storage, and preparation. Failure to observe proper procedures in any one of these steps can lead to incorrect results. There is a risk of false positive or false negative values resulting from improperly collected, transported, or handled specimens.

A negative result does not exclude the possibility of viral or bacterial infection.

Viral and bacterial nucleic acid may persist in vivo independent of organism viability. Detection of organism target(s) does not imply that the corresponding organisms are infectious or are the causative agents for clinical symptoms.

Available STAT
No

Methodology
BioFire

CPT Code
0202U