



**ADVANCED GENOMICS**  
Innovative Diagnostics

# RESPIRATORY PANEL

## COLLECTION INSTRUCTIONS

281-888-5158

info@advancedgenomics.care

10750 Hammerly Blvd  
#120  
Houston, Texas 77043

www.advancedgenomics.care

### MATERIALS PROVIDED

- 1 Nasopharyngeal/Nasal Dry Swab
- 1 Specimen Bag
- 1 Sterile Transport Container
- 1 UPS/FedEx Clinical Pak & Label

### SPECIMEN HANDLING

- Use freshly collected specimens for optimal test performance.
- Specimens can be stored at room temperature and shipped the same date as collected.
- If a delay in sample processing is expected, store dry swab specimens refrigerated and ship the next day.
- If collections are done on Friday, freeze the samples, and ship on Monday with ice packs.

### SPECIMEN REJECTION

- Specimens not collected or shipped as instructed.
- Incomplete specimen labeling or documentation.
- Inappropriate specimen type.
- Received specimen in laboratory after 72 hrs from collection at Room Temperature.

### TESTS INCLUDED

#### Bacteria

Mycoplasma pneumonia  
Klebsiella pneumonia  
Bordetella parapertussis  
Bordetella pertussis  
Streptococcus pneumonia  
Haemophilus influenzae  
Legionella pneumophila  
Chlamydia pneumonia

#### Virus

Respiratory syncytial virus  
Influenza A  
Influenza B  
SARS-CoV-2  
Rhinovirus  
Enterovirus  
Coronavirus (229E, HKU1, OC43, NL63)  
Parainfluenza virus (1-4)  
Human adenovirus  
Human bocavirus  
Human metapneumovirus

### MINI RPP PANEL

#### Virus

Respiratory syncytial virus  
Influenza A  
Influenza B  
SARS-CoV-2




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## Nasal Swab Collection Instructions for Patients (Self-Collection)

### Pre-Collection Preparation:

1. Label the specimen transport tube with your name, date of birth, date and time of collection, and other relevant information required by the testing facility.
2. Wash your hands thoroughly with soap and water for at least 20 seconds.

### Collection Procedure:

1. Prepare to collect your sample:
  - Stand in front of a mirror to help guide the swab placement.
  - Open the swab package without touching the soft tip.
2. Insert the swab:
  - Gently insert the soft tip of the swab about 1-2 cm (up to  $\frac{3}{4}$  inch) into one nostril.
  - The swab does not need to be inserted far – just until the soft tip of the swab is no longer visible.
3. Rotate and swab:
  - Gently rotate the swab against the nasal wall for 5-10 times.
  - Repeat in the other nostril with the same swab.
4. Place the swab in the transport tube:
  - Carefully break the swab shaft at the breakpoint (if there is a breakpoint) and secure it in the tube.

### Post-Collection:

1. Wash your hands again after handling the specimen.
2. Place the tube in the biohazard bag provided and seal it.
3. Return the sample according to the instructions provided by the healthcare facility or testing site.




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## Nasopharyngeal Swab Collection Instructions for Physician Office Collections

### Collection Procedure:

1. Explain the procedure to the patient to ensure they understand and can cooperate.
2. Position the patient:
  - Patient should be seated with their head supported and slightly tilted backward.
3. Insert the swab:
  - Gently insert the swab into the nostril, following the base of the nasal cavity parallel to the palate, not upwards.
  - Advance the swab until resistance is felt (usually about half the distance to the ear).
4. Rotate the swab:
  - Leave the swab in place for a few seconds to absorb secretions.
  - Gently rotate it 5-10 times. .
5. Remove the swab carefully and place it in the transport tube.
6. Break the swab shaft at the breakpoint inside the tube (if there is a breakpoint) and securely cap the tube.



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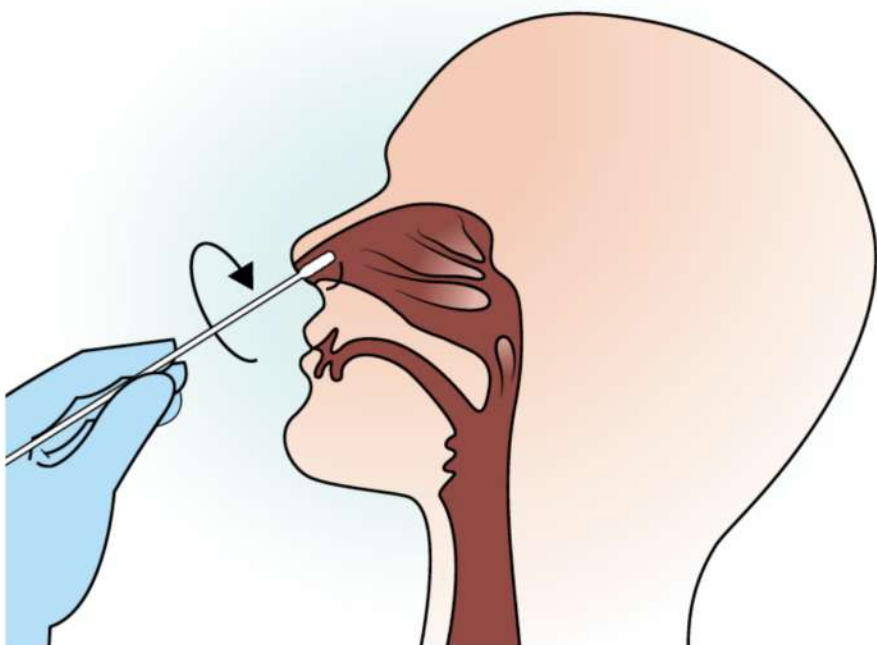
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### Nasal Swab Collection Demonstration



### Nasopharyngeal Swab Collection Demonstration

