

# Respiratory Tract Microbiota (RTM)



## Molecular Respiratory Testing

GRI's PCR-based Respiratory Tract Microbiota (RTM) tests detect Covid-19, common respiratory pathogens like Influenza, RSV, and Pneumonia, as well as many less common pathogens. From a single nasal or nasopharyngeal swab, we can detect Covid-19 as well as common and not-so-common Respiratory Tract Microbiota.

### RTM - Basic

Patients presenting with respiratory symptoms may have Covid-19 or a wide variety of other respiratory ailments that may have a similar presentation. Our PCR-Based Basic Respiratory Tract Microbiota (RTM-B) test detects the most common respiratory ailments, including the following:

- Covid-19 Active Infection
- Influenza A & B
- RSV A & B
- Pneumonia

### RTM - Comprehensive

While most of the time our RTM Basic test will uncover the pathogen causing respiratory distress, some less common pathogens require our Comprehensive Respiratory Tract Microbiota (RTM-C) test, which detects up to 33 different bacterial and viral pathogens including Covid-19. Details are shown at right.

## Viral Pathogens Detected

- Adenovirus
- Bocavirus
- Coronavirus HKU1
- Coronavirus NL63
- Coronavirus 229E
- Coronavirus OC43
- Human Metapneumovirus
- Rhinovirus
- Enterovirus
- Influenza A (PAN)
- Influenza A/H1-2009
- Influenza A/H3
- Influenza B
- Parainfluenza 1
- Parainfluenza 2
- Parainfluenza 3
- Parainfluenza 4
- RSV A
- RSV B
- Epstein-Barr Virus (EBV)
- Cytomegalovirus
- Human Herpes Virus 6 (HHV-6)
- Varicella Zoster Virus (VZV)

## Bacterial Pathogens Detected

- Bordetella (PAN)
- Bordetella Pertussis
- Chlamydomphila Pneumoniae
- Mycoplasma Pneumoniae
- Streptococcus Pneumoniai
- Staphylococcus Aureus
- Klebsiella Pneumoniae
- Legionella Pneumophila
- Haemophilus Influenzae

Efficient, Reliable, and Friendly Clinical Testing

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