

Acutis Reveal™ RIT respiratory pathogen test

The simple truth: doctors, pediatricians, and clinicians require faster and more accurate test results for respiratory infections. They also want actionable data that prevents misdiagnoses and subsequent inappropriate use of antibiotics.

The good news: these higher quality results are achievable with **Acutis Reveal™**, an **FDA-approved process** made available by a company known for delivering on its promises. **Acutis Reveal™ RIT can detect 22 major respiratory pathogens.** The one step test that screens for infectious bacteria and viruses as quickly as the same day the sample reaches our lab.

| | Acutis Reveal™ RIT | Culture | In-office test |
|--------------------------------------|--|---------------------|----------------|
| Sensitivity | 95% | 83.4% (68-98.8%) | 60% (50-70%) |
| Specificity | 100% | 100% | 90% |
| Additional confirmation requirements | No | No | Yes |
| Subtype detection of pathogens | Yes | Yes | No |
| Number of pathogens tested | 22 | 1 | 1 |
| Turnaround time | Within 24 hours of sample receipt | 24 hours to 10 days | Same day |

The FDA-approved test detects 22 major respiratory pathogens:

RIT

Viral targets

- Adenovirus
- Coronavirus HKU1
- Coronavirus NL63
- Coronavirus 229E
- Coronavirus OC43
- Human bocavirus
- Human metapneumovirus
- Influenza A
- Influenza A H1
- Influenza A H3
- Influenza B
- Parainfluenza virus 1
- Parainfluenza virus 2
- Parainfluenza virus 3
- Parainfluenza virus 4
- Respiratory syncytial virus A
- Respiratory syncytial virus B
- Rhinovirus / Enterovirus

Bacterial targets

- Chlamydomphila pneumoniae*
- Mycoplasma pneumoniae*
- Bordetella pertussis*
- Bordetella parapertussis*



Delivery of 95% of results the same day we receive the sample



Precise subtype detection of key pathogens



Prevention of misdiagnoses and subsequent inappropriate use of antibiotics



Access to infectious disease and microbiology specialists

Why choose Acutis Reveal™?

Molecular detection of infectious diseases eases and expedites the process

Our new panels were developed to broaden and streamline testing for upper respiratory tract infections. Our tests quickly identify pathogens, determine what is present, and most importantly, answer questions as to whether the infection is viral or bacterial in nature.

The result: healthcare professionals can now make their diagnosis using the most exact information, data only made possible by the most advanced means of detecting pathogens.

A patient can only describe his or her symptoms. Symptoms that may suggest either viral or bacterial infections. The main challenge for clinicians is to distinguish cases of the “common cold” from influenza and from other bacterial respiratory conditions.

As the Centers for Disease Control (CDC) reminds us, there are different flu viruses each season, and they are constantly changing. High-risk individuals, including young children, pregnant women, people with chronic health conditions, and the elderly are especially susceptible to flu and other respiratory illnesses. Significant problems can begin when mild symptoms are misdiagnosed as common colds or passing illnesses. The fact is, some infections can lead to whooping cough, bronchiolitis and pneumonia. Although most healthy adults who contract the flu experience only minor symptoms, influenza and other respiratory viruses are a serious health threat to the populations at large.

Our solution: reliable, actionable data that can be delivered to your office the same day we receive the sample. Please note, each test should only be ordered when deemed to be reasonable and medically necessary.

To learn more



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