

# How are you planning to handle respiratory testing this year?

Find the right methods to diagnose flu, RSV, strep A and SARS-CoV-2

# Effective respiratory care starts with point-of-care diagnostic testing

Respiratory season is always a busy time of year. This season may be busier than ever, as you screen patients for COVID-19 in addition to the usual flu, RSV and strep. With so much at stake, you can't afford to wait hours or days for test results. Point-of-care testing provides the information you need for quick, accurate diagnosis.

## Different tests are available to diagnose respiratory conditions. Each can have a role in patient care:

### Molecular Testing



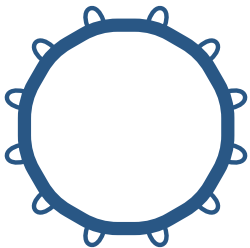
- Tests include influenza A & B, strep A, RSV and SARS-CoV-2
- Detects an active infection
- Instrument-based test

#### *Benefits of this type of testing:*

- Let patients know if they are infected, so they can be prepared and prevent transmission
- Understand how best to treat the patient's illness and reduce transmission
- Feel confident in your diagnosis with highly accurate test results

*Currently in high demand with supply restraints*

### Antigen Testing



- Tests include influenza A & B, strep A, RSV and SARS-CoV-2
- Detects an active infection
- Reader, instrument or rapid cassette-based test

#### *Benefits of this type of testing:*

- Let patients know if they are infected, so they can be prepared and prevent transmission
- Understand how best to treat the patient's illness and reduce transmission

*Currently in high demand; fewer supply restraints than molecular testing*

### Serology Testing



- Detects antibodies that show past exposure
- Instrument or rapid cassette-based test
- Tests for SARS-CoV-2

#### *Benefits of this type of testing:*

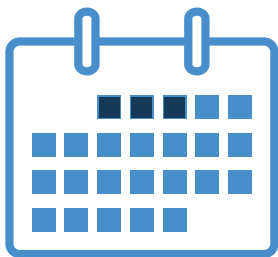
- Identify patients who were previously infected or exposed
- Identify patients with antibodies
- May supplement diagnosis



## When you test patients at the point of care, you can:

- Send patients home with same-day results and treatment plan
- Prescribe accurate treatment for multiple conditions and avoid unnecessary antibiotics
- Help reduce hospitalizations with correct diagnoses the first time
- Distinguish an active respiratory infection from past exposure to COVID-19

### Sending out to lab



2-5 days<sup>1</sup>

**Point-of-care**  
respiratory assays give  
**accurate results**  
more quickly than sending  
tests to a lab

### Point-of-care



10 minutes - 1 hour<sup>2</sup>

“What you really want to know is who has [COVID-19] now and is capable of giving to someone else today.”

– Dr. Robert Wachter, chair of the University of California, San Francisco Department of Medicine.<sup>3</sup>

**Antigen testing** can play an **important role** for the **early diagnosis of SARS-CoV-2**, particularly in situations with limited access to molecular methods<sup>4</sup>



**At least 50%** of **antibiotic** prescriptions for acute respiratory conditions are **unnecessary**<sup>5</sup>

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- 1 <https://www.labcorp.com/content/how-soon-can-i-expect-receive-my-lab-test-results>
- 2 <https://www.cdc.gov/flu/symptoms/testing.htm>
- 3 <https://www.usatoday.com/story/news/health/2020/06/06/coronavirus-test-covid-19-tests-increase-plan-lacking/3138440001/>
- 4 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7263236/>
- 5 <https://www.cdc.gov/antibiotic-use/stewardship-report/outpatient.html>

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