

# OPTI SARS-CoV-2/Influenza A/B RT-PCR Test detects SARS-CoV-2, Influenza A *and* B in one single reaction

**Symptoms for COVID-19 and Influenza are often similar. Deliver a differential diagnosis with the efficiency of a multiplex RT-PCR test.**

- Produces highly accurate results due to high sensitivity (limit of detection  $\leq 3$  copies/ $\mu$ l).
- Provides multiplexed detection and differentiation of three viruses simultaneously
- Optimizes workflow from start to finish using an internal sample control targeting human RNase P
- Minimizes impact of viral mutation with detection of N1 and N4 regions of SARS-CoV-2
- Reduces waiting time with results as fast as 2 hours.<sup>†</sup>
- Includes validation report—no need for validation step



Diagnostic sensitivity is 100% for SARS-CoV-2, influenza A and influenza B, whereas diagnostic specificity is proven to be 100% for SARS-CoV-2 and influenza A and 99.42 % for influenza B. The diagnostic performance studies were conducted on a total of 224 samples.

Target	PPA (95% CI)	NPA (95% CI)
SARS-CoV-2	100% (86.2% - 100%)	100% (97.6% - 100%)
Influenza A	100% (90.3% - 100%)	100% (97.4% - 100%)
Influenza B	100% (90.4% - 100%)	99.42% (96.5% - 100%)

Studies show a low limit of detection (LoD), ensuring all positive samples are detected.

Target	LoD copies/ $\mu$ l
SARS-CoV-2	3.1
Influenza A	1.69
Influenza B	3.1

To learn more about OPTI products, contact your area manager or distributor  
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**optimedical.com**



# OPTI Medical provides you with complete PCR testing solutions

## Efficient PCR Testing

The SARS-CoV-2/Influenza A/B test kit includes all components needed for RT-PCR testing, including the RNA master mix, SARS-CoV-2/Influenza A/B target mix, positive control, and water to be used to reconstitute dried reagents and as a negative control. The reagents do not require shipment on dry ice and product inserts are electronically available at [optimedical.com](https://optimedical.com).

### OPTI\* SARS-CoV-2/Influenza A/B RT-PCR Test

Kit components	Size
99-57014	500 reactions

### OPTI\* SARS-CoV-2 RT-PCR Test

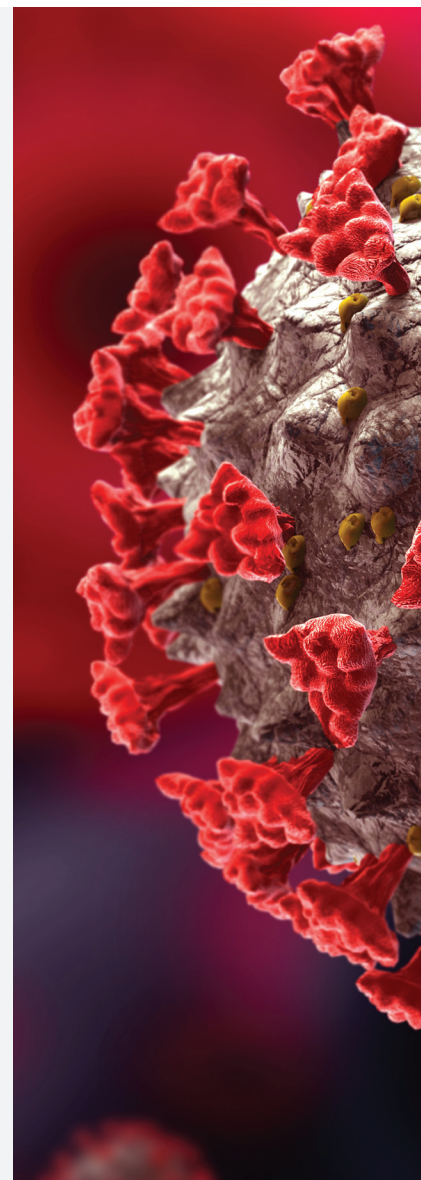
Kit components	Size
99-57004	500 reactions

### OPTI\* DNA/RNA Magnetic Bead Kit

Kit components	Size
99-58015	384 samples

## Instrument leasing

With instrument leasing and extraction consumables OPTI Medical can provide you with an affordable, complete testing solution today.



† Results in approximately 2–3.5 hours, depending on instrument and number of samples.

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To learn more, contact your OPTI Medical representative  
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\* This test has not been FDA authorized, cleared or approved, and the FDA has not determined that the test is safe or effective for the detection of SARS-CoV-2. The test is not intended for home use.

The OPTI\* SARS-CoV-2/Influenza A/B RT-PCR Test has obtained CE marking. This CE mark certification represents OPTI Medical Systems' assurance that its test complies with the European Union's In Vitro Diagnostic Directive, which applies to products that are manufactured in or designed to be sold in the European Economic Area† and Switzerland.

† The European Economic Area includes the European Union (Austria, Belgium, Bulgaria, Croatia, Republic of Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, and Sweden) and the following countries: Iceland, Liechtenstein, Norway, and United Kingdom.

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