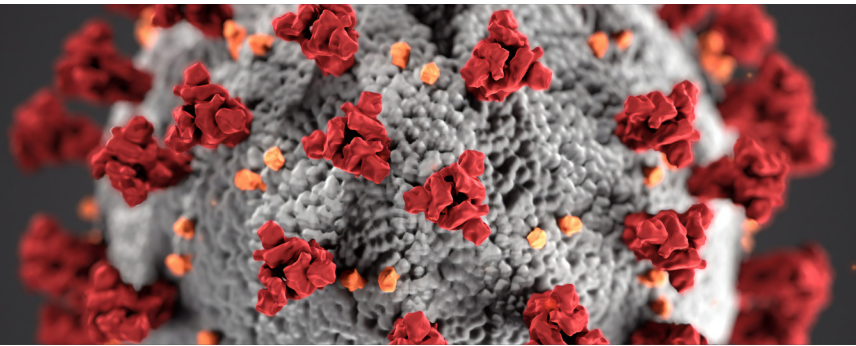


Coronavirus Testing Through Fulgent

Fulgent has developed two tests for the novel coronavirus disease (COVID-19) to assist with rapid identification of infected individuals.



COVID-19 VIRUS TESTING BY

REVERSE TRANSCRIPTION POLYMERASE CHAIN REACTION (RT-PCR)

This standard COVID-19 test is based on CDC recommended guidelines and has been authorized by the FDA under an Emergency Use Authorization (EUA). It identifies two known distinct regions within the genome of the virus that causes COVID-19 (SARSCoV-2).

TAT: Within 1-2 days of sample receipt

Sensitivity: 20+ copies/ul at 100%, 5 copies/ul at 95%

Specificity: 100% based on in silico analysis

False positive rate: No known reported

False negative rate: 0% if at 20+ copies/ul, 5% at 5 copies/ul

COVID-19 VIRUS TESTING BY

NEXT GENERATION SEQUENCING (NGS)

Compared to standard methods (RT-PCR), this method uses more comprehensive laboratory and computational methods to detect SARS-CoV-2. This may help researchers better understand the nature of the virus.

TAT: Within 2-4 days of sample receipt

Sensitivity: 5-10 copies/ul at 95%

Specificity: 100% based on in silico analysis

False positive rate: No known reported

False negative rate: 5% at 5-10 copies/ul

Both of Fulgent's COVID-19 tests are fully validated and performed in our CLIA-certified, CAP-accredited, and New York State-approved laboratory.

- Samples are processed 7 days a week
- Reports can be delivered electronically
- Results may be positive, negative, or indeterminate
- Indeterminate results are eligible for re-testing

Sample types accepted:

- Nasal Swab
- Nasopharyngeal Swab
- Oropharyngeal Swab
- Extracted RNA

For more information visit

<https://www.fulgentgenetics.com/covid19>
or email covid19@fulgentgenetics.com

MORE ABOUT COVID-19

What is the difference between COVID-19 and SARS-CoV-2?

COVID-19, or coronavirus disease 2019, is the name of the disease itself. SARS-CoV-2, or severe acute respiratory syndrome coronavirus 2, is the name of the virus that causes the disease. To detect COVID-19 infection, Fulgent looks for genetic indications of the SARS-CoV-2 virus in one's sample.

What are the symptoms of COVID-19?

Symptoms range from mild (even asymptomatic) to severe and life-threatening. These can include fever, cough, and shortness of breath, among other possible symptoms.

Data is still insufficient to determine overall severity of COVID-19, but older people and people of all ages with severe existing medical conditions are at a higher risk of developing life-threatening symptoms.

Who can be infected?

According to the CDC, COVID-19 has been detected in more than 100 locations internationally, including the United States. The virus spreads easily from person to person and some locations now have ongoing community

spread, meaning people can be infected without knowing how or where they became exposed.

Those with an elevated risk for exposure include anyone in locations of ongoing community spread, healthcare workers caring to patients with COVID-19, close contacts of persons with COVID-19, and travelers returning from locations where community spread is occurring.

Who should be tested?

Clinicians can follow the CDC Guidelines on Evaluating and Testing Persons for Coronavirus Disease 2019.

For more information on COVID-19 and affected locations, visit:

www.cdc.gov/coronavirus/2019-ncov/index.html

www.who.int/emergencies/diseases/novel-coronavirus-2019