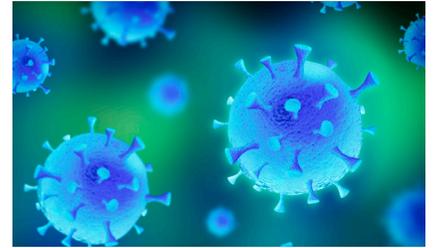


Coronavirus | Fact Sheet



What is Coronavirus?

- COVID-19 is caused by a coronavirus, named SARS-CoV-2 or Severe Acute Respiratory Syndrome Coronavirus-2. Coronaviruses (CoV) are a family of enveloped virus that was first discovered in the 1960s. Coronaviruses are most commonly found in animals, some strains of coronavirus, including SARS-CoV-2, are known to be capable of transmission from animals to humans.



How is it Transmitted?

- The Centers for Disease Control and Prevention (CDC) has confirmed SARS-CoV-2, like all coronaviruses, can be spread through the air via coughing or sneezing, and via contact with an infected person.¹
- CDC believes infections occur mainly through exposure to respiratory droplets when a person is in close contact with someone who has COVID-19.
- People with COVID-19 not exhibiting symptoms, asymptomatic carriers, are still able to transmit the virus to other people.
- It is possible that a person could get COVID-19 by touching a surface or object that has the virus on it and then touching their own mouth, nose, or eyes.
- Research published in the New England Journal of Medicine has indicated that “both SARS-CoV-1 and -2 have unusual environmental persistence characteristics.”²

Infection Control Measures

- Hand hygiene: Wash hands often with soap and water for at least 20 seconds. Use alcohol-based hand sanitizer when soap and water are not available. Avoid touching your eyes, nose and mouth with unwashed hands.
- Respiratory hygiene and cough etiquette: Cover your nose and mouth with a tissue when you cough or sneeze, then throw the tissue in the trash.
- Avoid contact with infected individuals, as possible.
- Clean and disinfect surfaces and objects with an EPA-registered disinfectant approved for use against SARS-CoV-2.
- The CDC recommends that individuals confirmed or suspected to have COVID-19 should wear a mask, and healthcare workers should use eye protection. Both contact and airborne precautions should be implemented in addition to standard precautions.³

¹ <https://www.cdc.gov/coronavirus/about/transmission.html>

² <https://www.nejm.org/doi/full/10.1056/NEJMc2004973>

³ <https://www.cdc.gov/coronavirus/about/prevention.html>

Coronavirus | Fact Sheet

UVDI-360 Room Sanitizer | Inactivation of SARS-CoV-2 and Coronaviruses

UVDI-360 Room Sanitizer has been confirmed to achieve greater than 99.99% inactivation of SARS-CoV-2, the coronavirus strain that causes the COVID-19 disease, by Innovative Bioanalysis, a CAP, CLIA, and BEI-recognized BSL-3 certified laboratory.

- Proven greater than 99.99% (4 log) reduction of SARS-CoV-2 in 5 minutes at a distance of 12 feet (3.65 meters) in independent laboratory testing.
- Proven 99.999% (4 log) reduction of coronavirus in 5 minutes at a distance of 8 feet (2.4 meters) in independent laboratory testing.⁴
- The UVDI-360 is independently confirmed to inactivate 99.99% of the most prevalent coronaviruses: SARS-CoV-2, Human Coronavirus and MERS-CoV. The emerging variants share the same RNA structure with these prevalent coronaviruses; independently proven laboratory results provide scientific confirmation of the UVDI-360's effectiveness against newer strains.
- Proven greater than 99.999% (5 log) reduction of MERS-CoV in 5 minutes at a distance of 8 feet (2.4 meters).⁴
- Recognized by global Healthcare leader 3M as a coronavirus decontamination method that will not affect fit and filtration of its respirators.⁵ Testing validating use for up to 10 decontamination cycles on N95 respirators was conducted at M Health Fairview Hospital in Minneapolis, Minnesota in May 2020.⁶



⁴Based on independent laboratory testing

⁵ <https://multimedia.3m.com/mws/media/18248690/decontamination-methods-for-3m-filtering-facepiece-respirators-technical-bulletin.pdf>

⁶ <https://www.mhealth.org/blog/2020/april-2020/m-health-fairview-rolls-out-new-uv-decontamination-process-for-n95-masks>