

SARS-CoV-2

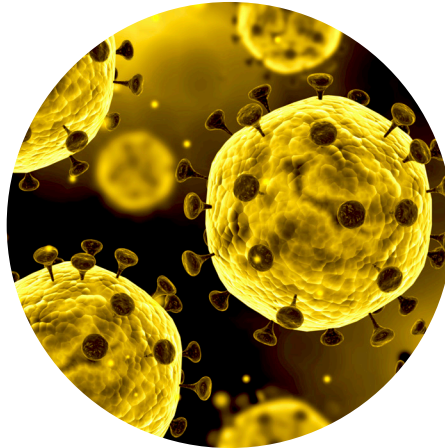
The cause of COVID-19

In late 2019, an outbreak of a novel coronavirus that causes the illness COVID-19 was reported in Wuhan, China. Cases have now been reported in every state in the United States. The U.S. Centers for Disease Control and Prevention (CDC) is closely monitoring the situation and provides comprehensive and timely updates.¹

COVID-19 is caused by a coronavirus, named SARS-CoV-2 or Severe Acute Respiratory Syndrome Coronavirus-2.

What are coronaviruses?

Coronaviruses (CoV) are a family of enveloped virus that was first discovered in the 1960s. Coronaviruses are most commonly found in animals, including camels and bats, and are not typically transmitted between animals and humans. However, some strains of coronavirus are known to be capable of transmission from animals to humans, the most well-known being Severe Acute Respiratory Syndrome (SARS) CoV, responsible for a large outbreak in 2003, and Middle East Respiratory Syndrome (MERS) CoV, responsible for an outbreak in 2012.²



What are the symptoms of COVID-19?

The symptoms of COVID-19 include fever, cough, shortness of breath, chills, repeated shaking with chills, muscle pain, headache, sore throat, and new loss of taste or smell. Symptoms may also be very mild and resemble the common cold. In addition, there are reports of asymptomatic infections and pre-symptomatic transmissions of COVID-19.³

How is SARS-CoV-2 spread?

SARS-CoV-2, like all coronaviruses, is typically spread through the air via coughing or sneezing, via contact with an infected person. People with COVID-19 may not exhibit symptoms, but are still able to transmit the virus to other people. It may also be transmitted from touching contaminated surfaces and then touching the mouth, nose, or eyes. SARS-CoV-2 is thought to have originally spread from animals to humans, but person-to-person transmission is now occurring.⁴

Why are human coronaviruses and particularly SARS-CoV-2 a concern?

SARS-CoV-2 is spreading quickly from person to person leading to widespread outbreaks globally. As with most emerging viruses, the risk depends on a number of factors, including ease of transmission, severity of symptoms and prevention and treatment options available. In the case of COVID-19, the possibility of asymptomatic transmission poses a challenge to containment strategies. There is also neither a vaccine or specific treatment.

Infection Control Measures

The CDC provides useful guidance and resources relating to the COVID-19 outbreak, including infection control measures. These should all be implemented when patients are suspected of being infected with a coronavirus.⁵

- ▶ 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.
- ▶ Clean and disinfect surfaces and objects with an EPA-registered disinfectant approved for use against SARS-CoV-2, such as products listed on [EPA List N](#).
- ▶ For COVID-19, the CDC recommends that healthcare workers wear respirators if available (regular mask otherwise), eye protection, gown, gloves.

1. CDC. 2019 Novel Coronavirus, Wuhan, China. <https://www.cdc.gov/coronavirus/2019-nCoV/summary.html> Accessed April 30th, 2020
2. <https://www.cdc.gov/coronavirus/index.html>
3. <https://www.cdc.gov/coronavirus/about/symptoms.html>
4. <https://www.cdc.gov/coronavirus/about/transmission.html>
5. <https://www.cdc.gov/coronavirus/about/prevention.html>

CloroxPro™ Products that can be used against SARS-CoV-2, the coronavirus that causes COVID-19

Based on the EPA's Emerging Viral Pathogen Guidance, the products listed below have demonstrated effectiveness against viruses similar to SARS-CoV-2 (the coronavirus that causes COVID-19) on hard, nonporous surfaces. Therefore, these products can be used against SARS-CoV-2 when used in accordance with the directions for use against the virus listed for each product in the table on hard, nonporous surfaces.

For more information, refer to the CDC website at <https://www.cdc.gov/coronavirus/2019-ncov/>.

Product Name	UPC	EPA Reg. No.	Follow directions for use against stated virus (contact time)	
Clorox Healthcare®	Clorox Healthcare® Bleach Germicidal Cleaner Spray	68967 68970 68832 68973 68978	56392-7	Rhinovirus (1 min)
	Clorox Healthcare® Bleach Germicidal Wipes	30577 35309 30358 30359 31469 32323	67619-12	Rhinovirus (1 min)
	Clorox Healthcare® Fuzion® Cleaner Disinfectant	31478	67619-30	Rhinovirus Type 37 (1 min)
	Clorox Healthcare® Spore ¹⁰ Defense Cleaner Disinfectant	32122	67619-40	Rhinovirus (1 min)
	Clorox Healthcare® Hydrogen Peroxide Cleaner Disinfectant	30828 30829 31444	67619-24	Rhinovirus Type 37 (1 min)
	Clorox Healthcare® Hydrogen Peroxide Cleaner Disinfectant Wipes	30824 30825 30826 30827	67619-25	Rhinovirus (1 min)
	Clorox Healthcare® VersaSure® Wipes	31757 31758 31759 31760 31761	67619-37	Rotavirus (2 min)
	Dispatch® Hospital Cleaner Disinfectant Towels with Bleach	69101 69260 69150	56392-8	Rhinovirus (1 min)
	Clorox Healthcare® Citrace® Hospital Disinfectant & Sanitizer	49100	67619-29	Rhinovirus (5 min)
	Clorox® Broad Spectrum Quaternary Disinfectant Cleaner	30649	67619-20	Rhinovirus (3 min)
Clorox Healthcare® Disinfecting Wipes	31584	67619-31	Rotavirus (4 min)	
CloroxPro™	Clorox Commercial Solutions® Clorox® Disinfecting Wipes	15948 15949 31428 31547	67619-31	Rotavirus (4 min)
	CloroxPro™ Clorox® Germicidal Bleach	31009 30966	67619-32	Rhinovirus (5 min)
	Clorox Commercial Solutions® Clorox® Clean-Up Disinfectant Cleaner with Bleach ₁ (Spray)	35417	67619-17	Rhinovirus (30 sec)
	Clorox Commercial Solutions® Clorox® Clean-Up Disinfectant Cleaner with Bleach ₁ (Dilution) ¹	35420	67619-17	Rhinovirus (5 min)
	Clorox Commercial Solutions® Clorox® Disinfecting Spray	38504	67619-21	Rhinovirus (30 sec)
	Clorox Commercial Solutions® Clorox® 4-in-One Fresh Citrus Disinfectant & Sanitizer	31043	67619-29	Rhinovirus (5 min)
	Clorox Commercial Solutions® Clorox® 4-in-One Lavender Disinfectant & Sanitizer	32512	67619-29	Rhinovirus (5 min)
	CloroxPro™ Clorox Total 360® Disinfecting Cleaner	31650	67619-38	Adenovirus (2 min) ²
	Clorox Commercial Solutions® Toilet Bowl Cleaner with Bleach	00031	67619-16	Rhinovirus (10 min)
	Clorox Commercial Solutions® Clorox® Disinfecting Bio Stain & Odor Remover	31903 31910 31911	67619-33	Rhinovirus (5 min)
	Clorox Commercial Solutions® Clorox® Disinfecting Bathroom Cleaner	16930	5813-40-67619	Rhinovirus (10 min)
	Clorox Commercial Solutions® Tilex® Soap Scum Remover	35600 35604	5813-40-67619	Rhinovirus (10 min)
	Clorox Commercial Solutions® Hydrogen Peroxide Disinfecting Cleaners	30832	67619-24	Rhinovirus (1 min)
	Clorox Commercial Solutions® Hydrogen Peroxide Disinfecting Cleaners Wipes	30830 30831 30833	67619-25	Rhinovirus (1 min)

1. Mix 1/2 cup per gallon of water. Wet surface completely with cloth or sponge or mop or rag. Let stand 5 minutes. Rinse or wipe clean.

2. Adenovirus listed on EPA federal master label.

10. Clostridium difficile spores only

The EPA suggests that if products with an emerging viral pathogen claim are not available, a product with an EPA-approved human coronavirus claim can be used. CloroxPro™ products with a claim against a human coronavirus are listed in the table below.

Product	UPC	EPA Reg. No.	Coronavirus claim	Contact time
Clorox® Pro Quaternary All-Purpose Disinfectant Cleaner ₁	31751	1839-166-67619	Human coronavirus*	10 min
Clorox Commercial Solutions® Formula 409® Cleaner Degreaser Disinfectant	35300 35306	67619-10	Human coronavirus*	30 sec

* This claim is against a human coronavirus that is not the same as the one that causes COVID-19



For more information, contact your Clorox sales representative.
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