

# Efficacy of Clinell products against Wuhan novel coronavirus (WN-CoV)

To whom it may concern,

We would like to provide assurance that **Clinell Universal Wipes** and **Clinell Sporidical Wipes** are proven **effective against coronaviruses in a 60 second contact time.**

Wuhan coronavirus, also known as 'novel coronavirus (nCoV)' and '2019 novel coronavirus (2019-nCoV)' is an emerging strain of virus from the same family as those that cause 'Middle-East Respiratory Syndrome (MERS-CoV)' and those responsible for the Severe Acute Respiratory Syndrome (SARS) outbreak in 2003.

First identified on 7th January 2020 in Wuhan, China, there now appears to be extensive spread across China and suspected cases are being investigated globally. The situation is an evolving one and it is likely that national and international guidance will change as the outbreak develops and we learn more about how quickly the virus is able to spread between people, the severity of disease it causes and the mortality rate.

Decontamination of the environment and performing hand hygiene are fundamental to preventing further spread of disease and controlling the outbreak.

## Choosing the right wipe

**Clinell Universal Wipes** are effective against coronavirus in just **60 seconds of contact time.**

**Clinell Sporidical Wipes are fully virucidal.** They are also effective against coronaviruses in a **60 second contact time.**

**Both are validated by accredited, third-party labs according to EN14476,** the European standard test for virucidal efficacy. They were tested at Microbac Laboratory, a Biosafety Level 3 Laboratory in the USA. Both were tested against a virulent strain of human coronavirus, not a surrogate.

Clinell Universal Wipes and Clinell Sporidical Wipes are single-step detergent/disinfectant wipes. That means **they clean and disinfect in a single action** so no pre-cleaning is required.

## Keep hands clean

Regular hand hygiene, in the form of hand washing with soap and water or the use of a hand sanitiser, is internationally recognised as a key intervention in preventing further spread of infection.

Hand disinfectants, such as **alcohol gels or hand sanitisers, are only effective on 'visibly clean hands.'** Traditionally, soiled hands must be washed with soap and water.

## To find out more

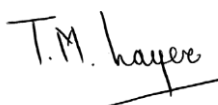
For more information about 2019 novel Wuhan coronavirus, please see the latest national or international guidance.

For more information about Clinell Universal Wipes, Clinell Sporidical Wipes or Clinell Antimicrobial Hand Wipes, please speak to your GAMA Healthcare representative or visit: **[www.gamahealthcare.com](http://www.gamahealthcare.com)**

Friday 24th January 2020

A handwritten signature in black ink that reads 'T Gauci'.

Tracey Gauci,  
Lead Clinical Director

A handwritten signature in black ink that reads 'T.M. Layer' with a horizontal line underneath.

Teresa Layer,  
Science & Innovation Director

### Reference

1. Wilkinson MAC, Kiernan MA, Wilson JA, Loveday HP, Bradley CR. Assessment of the efficacy of a patient hand wipe: development of a test method. J Hosp Infect. 2018;98(4):339-344. doi:10.1016/j.jhin.2017.08.013



Malmö 24.01.2020

## Disinfection products with effect on Corona virus 2019-nCoV

A new virus called 2019-nCoV was discovered at the end of December 2019 in the city Wuhan in China and the people who have become ill has got respiratory symptoms, fever and cough. Several deaths due to the virus has been confirmed, mainly among people with reduced immune system.

2019-nCoV is a corona virus, which belongs to the *Corona Viridae* family, where you can also find other viruses like SARS and MERS. Corona virus is an enveloped virus.

Much information indicates that the virus originally was spread from animals to humans, but that it also can spread from human to human via droplets or direct contact. Infected persons have been confirmed not only in Wuhan in China, but also in Thailand, Japan, South Chorea and the United States. Further global spread is likely.

WHO's advice to avoid infection is to frequently clean your hands by using alcohol-based hand rub or soap and water. You should avoid contact with sick people and avoid touching your face and eyes. If you are in China, you should avoid markets with live animals and surfaces that are in contact with animals.

2019-nCoV is an enveloped virus and to kill this you need a disinfectant with a proven efficacy on enveloped viruses. The following DAX products has a proven efficacy on enveloped viruses and can be used to avoid contamination through hands and surfaces:

- DAX Clinical Hand disinfection
- DAX Alcogel
- DAX Alcoliquid Pro

KiiltoClean A/S

Annika Nilsson  
Brand Manager DAX

# Wuhan Novel Coronavirus (WN-CoV, 2019-nCoV)

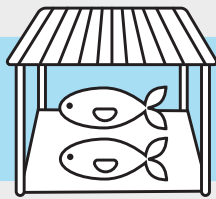
## What is coronavirus?

Wuhan novel coronavirus is an emerging strain first identified in Wuhan, China.

Until an internationally-agreed name is decided, it is also known as both 'Wuhan novel coronavirus (WN-CoV)' and '2019 novel coronavirus (2019-nCoV).'

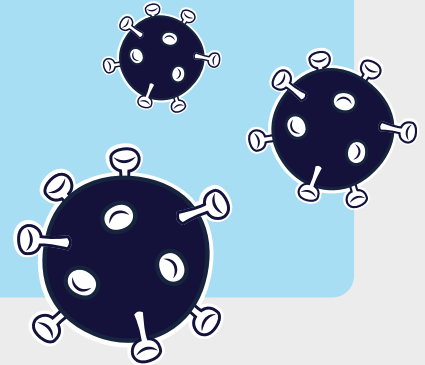
Human-to-human transmission has been reported with an increasing number of fatalities.

It's thought to have originated in a wet fish and live animal market in Wuhan, China.



**Most coronavirus infections are mild and self-limiting. However, some strains have caused major outbreaks:**

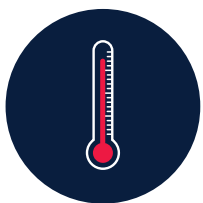
- MERS-CoV
- SARS-CoV
- 2019-nCoV



## The causes and symptoms

### Most common symptoms:

Typically presents pneumonia-like symptoms (although some infected patients are asymptomatic).



Fever  
(38°C and higher)



Cough



Difficulty breathing



Contact



Droplets

### It spreads from person to person

Like other coronaviruses, there are now reports of 2019-nCoV transmission from person to person.

### Coronaviruses contaminate surfaces

We know that human coronaviruses can be found in our everyday environments<sup>1-3</sup>.

Infectious coronaviruses could persist on a surface for a matter of **days**<sup>4</sup>.

### It can be spread by unsuspecting healthcare personnel

Other coronavirus outbreaks (such as MERS-CoV) have been exacerbated by poor hygiene and infection prevention measures and asymptomatic transmission<sup>5</sup>.

## What can we do?

We're learning lessons from previous coronavirus outbreaks such as SARS<sup>6</sup> and MERS-CoV<sup>7</sup>. In patients where 2019-nCoV is suspected (respiratory tract symptoms with relevant travel history):



### Isolate patients early and effectively<sup>8</sup>.

The quicker patients are isolated, the lower their chance of spreading coronavirus.



### Use appropriate Personal Protective Equipment

when dealing with patients and carrying out environmental decontamination. Dispose of safely<sup>9</sup>.



### Use a disposable tissue

when sneezing, coughing, wiping and blowing the nose. Bin it as soon as possible.



### Practice good hand hygiene.

Especially before eating and preparing food and after coughing, sneezing or using tissues.



### Decontaminate surfaces regularly<sup>10</sup>.

The whole area should be thoroughly cleaned once a day; high-touch surfaces at least twice per day.

## Protection from coronavirus

### Clean your hands frequently. Our Clinell Antimicrobial Hand Wipes are:

- ✔ As effective as soap and water<sup>11</sup>
- ✔ Compliant with EN14476
- ✔ In travel-sized packaging

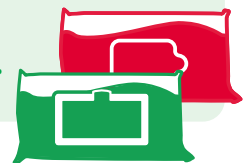
Proven effective  
against coronavirus.



### Make surfaces safe. Our Clinell Universal and Sporicidal Wipes:

- ✔ Require no pre-cleaning
- ✔ Are compliant with EN14476
- ✔ Have a powerful disinfectant action

Proven effective  
against coronavirus.



*Acinetobacter baumannii* | *Candida auris* | Coronavirus | *Escherichia coli* | MRSA | *Pseudomonas aeruginosa* | VRE

For full efficacy data, please visit [www.gamahealthcare.com](http://www.gamahealthcare.com)

## Evidence is still emerging:

Print date: Friday 24th January 2020



All information here is based on information available as of 24th Jan 2020. For more up to the minute advice, please see your local infection prevention team or the latest national or international guidance.

WHO: [www.who.int/westernpacific/emergencies/novel-coronavirus](http://www.who.int/westernpacific/emergencies/novel-coronavirus)  
CDC: [www.cdc.gov/coronavirus/2019-ncov/index.html](http://www.cdc.gov/coronavirus/2019-ncov/index.html)  
PHE: [www.gov.uk/government/collections/wuhan-novel-coronavirus](http://www.gov.uk/government/collections/wuhan-novel-coronavirus)

### References:

1. Bonny et al. *Am J Infect Control*. 2018;46(1):105-107.
2. Ikonen et al. *BMC Infect Dis*. 2018;18(1):1-7.
3. Memish et al. *Am J Infect Control*. 2014;42(12):1266-1269.
4. Casanova et al. *Appl Environ Microbiol*. 2010;76(9):2712-2717.
5. Alfaraj et al. *Am J Infect Control*. 2018;46(2):165-168.
6. Cheng et al. *J Hosp Infect*. 2020.
7. Willman et al. *Viruses*. 2019;11(12).
8. Kim et al. *Clin Infect Dis*. 2017;64(5):551-557.
9. Casanova. *Infect Control Hosp Epidemiol*. 2010;31(5):560-561.
10. Otter et al. *J Hosp Infect*. 2016;92(3):235-250.
11. Wilkinson et al. *J Hosp Infect*. 2018;98(4):339-344.

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For full efficacy data, please visit: [www.gamahealthcare.com](http://www.gamahealthcare.com)

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