VIRO STOP

Natural barrier against viruses and bacteria

In vitro, in vivo studies confirmed the effect of VIROSTOP spray against

Influenza, cold and Covid-19 infections

VIRO STOP

Protection & Prevention

VIROSTOP nasal and oral spray create a protective film on the mucous membrane of the oral and nasal cavity.

The VIROSTOP range contains a unique combination of natural active substances, which properties make it effective both in prevention and protection against viruses and bacteria.

- The main active ingredient of VIROSTOP is Cistus creticus (cretan rockrose).
- This unique plant is characterized by a high content of polyphenols.
- Polyphenols provide chemical and physical defense, creating a so-called shield to prevent penetration of bacteria and viruses into cells.
- Other ingredients such as citrus bioflavonoids, echinacea, sage and barbados cherry enhance the antiviral neutralizing effect.

VIRO STOP

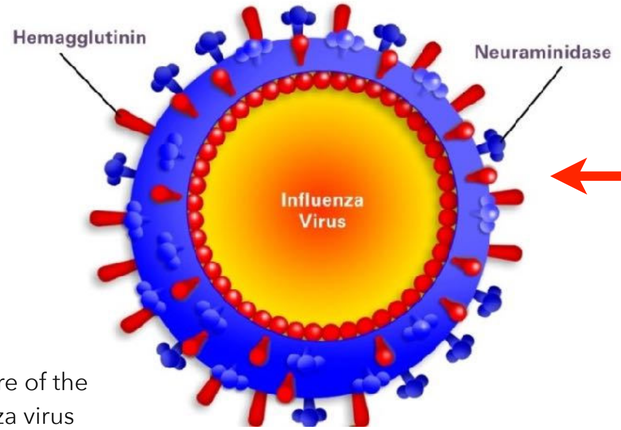
Mechanism of Action

Special plant polyphenols, when attached to viral protein, mechanically inhibit the function of the protein and thus prevent the virus from entering the cell, preventing the development of infection.

The contained plant extracts contain polyphenols of various structures.
As a result, different components inhibit the entry of virus into the cell in the in vitro tissue culture system with different strengths.
Their combined use result in an enhanced inhibitory effect of the mixture due to the stimulatory effect between the polyphenols.

VIRO STOP

How does the protective film act?

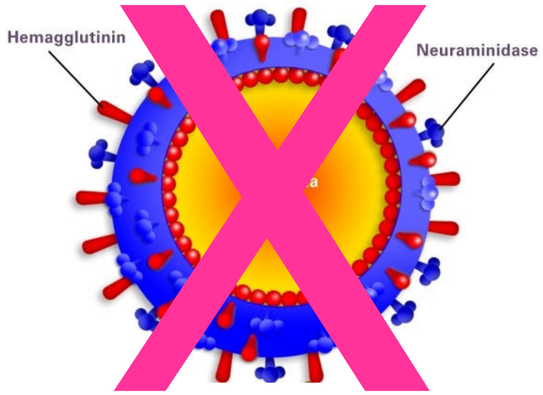


A picture of the influenza virus

NEURAMINIDASE:

- Is a key molecule on the surface of viruses. It plays an important role in the multiplying of influenza viruses in the human body.

If we hinder the neuraminidase enzyme, the virus can not get into the human cells and multiply!

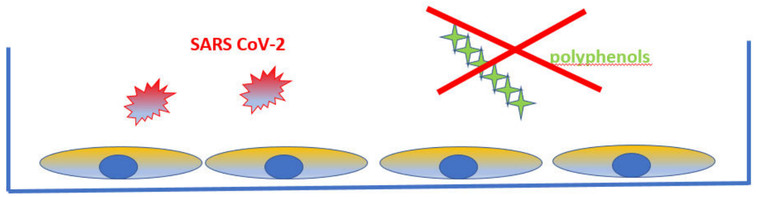


The results of efficacy study of Virostop oral solution against SARS-CoV-2 and Influenza

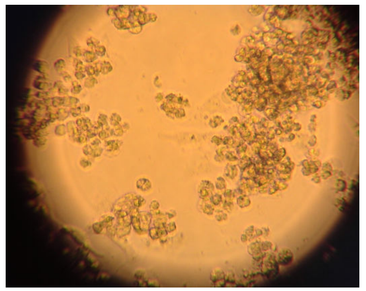
led by

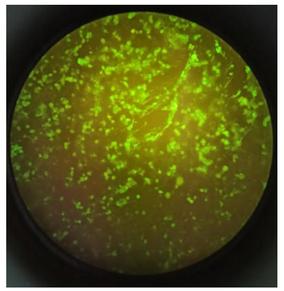
Dr. István Jankovics, microbiologist, virologist, head of the WHO National Influenza Laboratory in Budapest

In vitro studies - The virus neutralization test

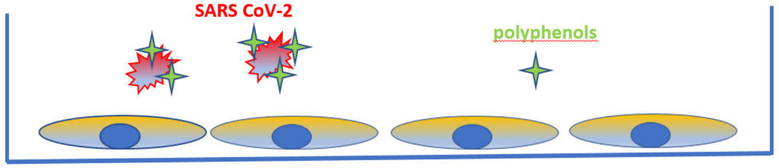


VEROE6 cell line (African green monkey kidney)





Vero cells - virus multiplication without the intervention of VIROSTOP



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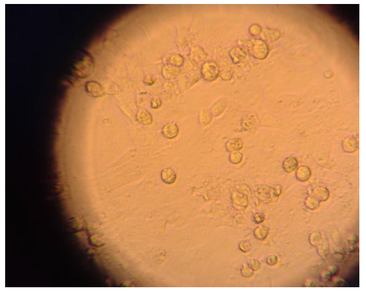
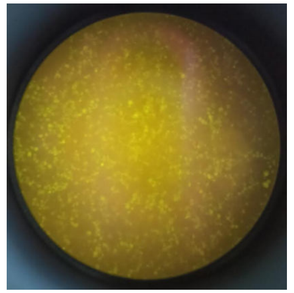




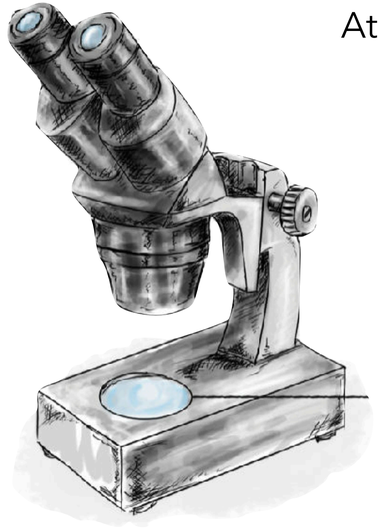
Vero cells - the effect of VIROSTOP, that bounds to the virus and neutralizes it

The results of the experiment showed that even a nearly 1000-fold dilution of the original concentration of VIROSTOP solution was able to inhibit virus replication in the in vitro tissue culture system.

Clinical study proves that early use of polyphenol-rich nasopharyngeal spray is associated with significantly shorter duration of symptoms in mild COVID-19 patients

The clinical study has been conducted with the involvement of 170 PCR confirmed SARS-CoV-2 patients at Complex Medical Centre clinic, Budapest, Hungary between January 15 and May 31, 2021.

Clinical symptoms were monitored for fifteen days in volunteers who tested positive for SARS-CoV-2 in PCR tests (at the time of application for the study), and had mild to moderate respiratory symptoms in parallel. 86 of the patients received a nasopharyngeal spray, a patented solution under the name Virostop. The rest of the 84 patients remained in the control group, without using Virostop nasopharyngeal spray solution.



At the end of the study, the patient's viral shedding was checked by repeated PCR tests.

Those patients, who used Virostop spray from the first day after PCR positivity, showed a nearly 60% reduction in virus shedding on day 12, compared with the control group. This means that the use of Virostop spray significantly inhibits the amount of SARS CoV-2 in the upper respiratory tract, thus providing an opportunity for the infected person to develop a specific immune response.

Published: https://www.acquaintpublications.com/article/early_use_of_polyphenol_rich_cistus_creticus_extract_containing_nasopharyngeal_spray_is_associated_with_significantly_shorter_duration_of_symptoms_in_mild_covid_19_patients_a_retrospective_case_control_study71

VIRO STOP

Using polyphenol rich Cistus creticus and other plant extracts containing nasopharyngeal spray may provide an additional tool in the preventive and symptomatic armamentarium against mild upper respiratory tract infections - Clinical study

In this study, examining 182 SARS-CoV-2 PCR negative patients, we found that in the group of persons using cistus extract (patented name Virostop) added to standard-of-care, the frequency of nasopharyngeal SASR-CoV-2 positive PCR positivity was significantly lower: **0 versus 4 PCR positivity**

There were 182 subjects involved in the study, 108 (59.3 %) in the standard-of-care plus cistus extract group and 74 (40.7 %) in the standard-of-care group.

SARS-CoV-2 IgA positivity was detected in 19 cases (16.7 %) in the cistus extract-using group and 7 (6.1 %) in the control group among 114 tested persons, and two further patients seroconverted in the cistus extract group at second testing. However, the PCR positivity was 0 % in the users of Cistus extract, and immunological protection developed in more cases than in the control group.

Based on these, while the virus could not be detected in these volunteers by PCR, a significantly better immune response was developed among the product users. Hypothetically this may be due to a possible reason that the Cistus mixture reduced the amount of virus in patients to such an extent that PCR could no longer detect the infectious virus, but at the same time, the immune system recognized the virus and produced a specific antibody against in the given patient.

Published: https://www.acquaintpublications.com/article/using_polyphenol_rich_cistus_creticus_and_other_plant_extracts_containing_nasopharyngeal_spray_may_provide_an_additional_tool_in_the_preventive_and_symptomatic_armamentarium_against_mild_upper_respiratory_tract_infections19

Product line

The VIROSTOP range contain only natural active ingredients. The composition enables long-term and secure use.

The sprays are suitable for the whole family, including children from age 3.

Creates a protective film on the mucous membrane that physically prevents the penetration of bacteria and viruses into the body. Inhibits the enzyme neuraminidase on the surface of viruses, therefore the virus can not get into the cells and multiply.

VIROSTOP ORAL SPRAY

Packaging

30 ml

Classification

Medical device

VIROSTOP NASAL SPRAY

Packaging

20 ml

Classification

Medical device

VIRO STOP

Product line

NEW

VIROSTOP Pastilles

Fytofontana VIROSTOP pastilles is intended for prevention, protection and relief of flu and cold symptoms, including sore throat.
The main mechanism of action of the medical device fytofontana VIROSTOP pastilles is that they cover the mucous membranes of the oral cavity with a protective film and thus prevents the penetration of viruses into the body.

The pastilles are suitable for the whole family, including children from age 3.

Product line

Food supplements for Immune Support

VIROSTOP DROPS

Packaging

25 ml

Classification

Food supplement

VIROSTOP CAPSULES

Packaging

30 capsules

Classification

Food supplement