



COVID-19

TESTING

FOR EVERYONE.

RELIABLE.

COMFORTABLE.

FAST.

FOR EVERYONE.

We are an Austrian company that was founded at the beginning of 2020 by Assoc.- Prof. Dr. med. Christoph Steininger and Michael Putz. We bring reliable and comfortable testing by PCR to companies, sports clubs, cultural organisations and private individuals. Together with well-known partners from business and science we make it possible to carry out a multiple of the tests. In this way we would like to counteract the spread of the corona virus and set an example for Austria.



OUR SOLUTION: THE CORONA TEST SET FROM LEAD HORIZON

Why we don't use a nasopharyngeal swab?

Scientific evidence from multiple internal and external studies indicates a similar sensitivity, specificity and predictive values for the LEAD Horizon work flow using mouth washes as for testing nasopharyngeal swab specimen by PCR. The LEAD Horizon work flow, however, has many advantages over testing nasopharyngeal swab specimen.

- Mouth washes under instruction by our web app allows reliable specimen collection wherever you like - particularly at home - instead of traveling long distances to a certified laboratory with the risk of a car accident or getting infected in the lane in front of the lab

- Mouth washes are simple, convenient, reliable and safe instead of the pain and risk of local bacterial infection associated with nasopharyngeal swabs

- The optimized LEAD Horizon work flow saves precious time - you may receive a test result within a few days from your first symptoms instead of having to get an appointment at a health care, institution, traveling to the lab, getting the swab done, etc.



With the test set developed and patented by us you have the possibility to let your colleagues, friends, families and yourself test for COVID-19 easily and comfortably.

Here's how it works:

1. In a first step, the QR code is scanned, after which the WebApp opens at homekit.lead-horizon.com
2. By registering in the WebApp, the identity is checked and the test can start. It is best to place the smartphone in the holder provided and follow the instructions displayed via the WebApp.
3. Now the proof of identity takes place: The camera of the smartphone is activated and the customer is asked to hold a photo ID into the camera. While the customer performs the test, he is filmed. This video is used by the laboratory to establish the identity. A photo is also taken. This photo is printed on the certificate, which can be optionally downloaded, after the test result has been received, to enable additional identification - for example by a border guard.
4. The narrow sample tube is first inserted into the holding point, then the saline solution is opened, taken into the mouth and thoroughly rinsed in the oral cavity for one minute. The saline solution should not be swallowed.
5. After one minute of thorough rinsing, insert the transfer tube into the sample tube and spit the saline solution over the transfer tube into the sample tube. The transfer tube can then be removed. Now the sample tube is closed with the red screw cap, then the sealing glue is carefully stuck on the screw cap and tube.
6. The sample tube can now be placed well sealed in the transport container. The sample is put back into the box and closed with the second sealing adhesive.
7. The package must now be posted at a post office within three hours.
8. The result is delivered within one working day via secure WebApp directly to the mobile phone.





The specially developed WebApp serves to guide people securely through the test process on the one hand and to verify their identity in a two-step procedure on the other.

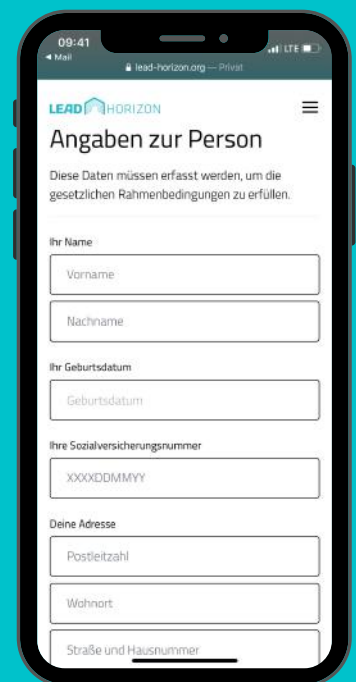
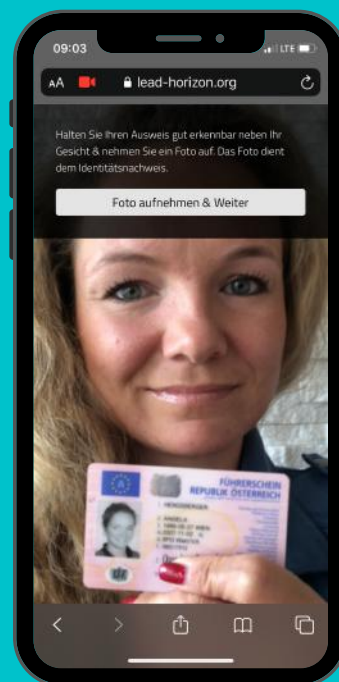
How the WebApp works:

After opening the WebApp and placing the smartphone in the cradle, the camera of the smartphone is activated and the customer is asked to hold a photo ID into the camera. While the customer performs the test, he is filmed. This video is used by the laboratory to determine the identity. A photo is also taken. This photo is printed on the certificate, which can be optionally downloaded, once the test result has been received, to enable additional identification - for example by a border guard.

The data will of course be treated confidentially and will only be stored temporarily (maximum 14 days) in order to be able to issue a certificate if desired or to be able to carry out the obligatory reporting of positive test results on the basis of the Epidemics Act.

Both during the test and after receiving the test result, the WebApp offers the possibility to have a certificate issued (for example for stays abroad). This costs an additional 1.90 euros and can be downloaded as a PDF.

DATA SECURITY GOES AHEAD: ABOUT THE WEBAPP



FREQUENTLY ASKED QUESTIONS

Is this an anti-body test?

No. Evaluation by means of PCR shows whether the test person currently has covid-19 disease. An antibody test is used to examine the immunity that is built up by the body after a COVID-19 disease.

Where can I get the test?

BIPA offers the Corona Home Kits from LEAD Horizon in about 500 stores throughout Austria and in the BIPA online shop at www.bipa.at. You can also order the test kits at shop.lead-horizon.com.

Why should I do a Corona test?

Targeted testing is the key to contain Covid-19. The self-test at home provides certainty, especially for people who do not want to take any risks and who want to exclude the likelihood of Covid-19 disease - for example, when travel or contact with at-risk persons is imminent.

How long do I wait for my test result?

The result will be sent directly to your mobile phone, laptop/PC or tablet via WebApp within one working day of arrival in the lab.

What happens if my result is positive and I am therefore infected with the corona virus?

If the result is positive, the tested person will be notified via WebApp. As the laboratories are obliged by law to notify the health authorities, the customer is automatically notified to the authorities.

Who has access to my data?

Only the persons of the laboratory and LEAD Horizon have access to the data. As data protection is very important to us, we have a maximum retention period of 14 days. After this period, the data will be deleted.

Can I also test my children?

There is no age limit. Once a child can rinse its mouth with a saline solution and spit through the transfer tube into the buffer tube, it can perform the test.

Does the test hurt?

No. The painless collection of the sample differs from previous tests: Up to now, tests have been very unpleasant, the swabs were taken deep from the throat and nose. With the LEAD Horizon self-test, this is simply done by using a throat rinsing fluid that is rinsed in the mouth.

Does this test count as confirmation for trips abroad, business appointments, ...?

The test meets the highest medical standards, is painless and complication-free and is evaluated in a certified laboratory using PCR. It complies with the requirements defined in the legal text. On request, a certificate can also be issued as an official confirmation by the authorities.

How exactly does the confirmation for authorities work? What do I have to do?

Both during the test and after receiving the test result, the WebApp offers the possibility to have a certificate issued. This costs an additional 1.90 euros and can be downloaded as a PDF.

How can I make sure that I did not apply the test incorrectly and only got a negative result because of it?

Please follow the application description exactly to avoid a wrong test result.

What is a PCR procedure?

The Polymerase Chain Reaction (PCR) procedure amplifies DNA obtained from a smear. Even the smallest amounts of virus can then be detected - before the patient notices the first symptoms. The PCR method is regarded as reliable, as the "gold standard" among test methods and has established itself internationally.



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Is the test only stable for 30 days or why does it have to be done within 30 days?

For fast results, the test must be performed within 30 days from the day of purchase. This ensures that the return of the test does not exceed the laboratory capacity.

After 30 days I can no longer use the test and must dispose of it?

Correct. This ensures test capacity and the associated rapid transmission of results (within one working day of arrival at the laboratory).

What is a QR Code and where can I find the QR Code for scanning?

A QR Code is a two-dimensional version of the barcode you probably know from product packaging. It looks like a black and white pixel pattern. You will find the QR Code in the packaging of the Corona self-test. After the scan, the WebApp opens at homekit.lead-horizon.com. You can of course also open the website on your smartphone directly via the browser by entering homekit.lead-horizon.com in the address line.

Is the WebApp subject to a fee?

No, the WebApp is free and is not available from the Apple Store or Play Store. All you have to do is open the link homekit.lead-horizon.com via your browser. After the purchase you only have to pay the shipping costs.

Can I delete the app after I have received the test result?

This is a WEBApp. When the customer scans the QR Code, the WebApp, i.e. the website, opens automatically. There is no need to install an extra app and therefore no need to delete it.

Will my data be saved and processed?

Your data will of course be treated confidentially and will only be stored for a maximum of 14 days in order to issue a certificate if desired or to be able to carry out the obligatory notification in case of positive test results on the basis of the Epidemic Law.

Where/how is the data stored temporarily?

With your consent, LEAD Horizon GmbH processes your data. For the purpose of COVID-19 testing, your data will be transferred to an available/assigned laboratory in your region, which will process the data on its own responsibility. In case of a positive status, the laboratory is legally obliged to report the infection to the responsible health authority. Your data will not be passed on to third parties.

What happens if I accidentally swallow the saline solution?

It is a saline solution. Swallowing it is completely harmless to your health.

How safe is the test?

The highest possible quality standards are applied to the test. The PCR tests are carried out exclusively in certified partner laboratories that are verified by independent, governmental testing agencies.

How much does a test cost?

A test costs 129 Euro including taxes. Depending on the quantity ordered, we offer variable price scales.

How long does the test process take approximately?

Taking a sample takes less than 2 minutes. The test result is then available within 24 hours.



FOUNDERS



Prof. Christoph Steininger, Med Uni Vienna



Michael Putz, LEAD Innovation

Christoph Steininger is a board certified specialist in Virology, infectious diseases and internal medicine at the Medical University of Vienna. After studying human medicine in Innsbruck, he worked at the Medical University of Vienna, University Medical Center Hamburg-Eppendorf (Germany), Cayetano Heredia University Lima (Peru), and University of California, San Diego (USA). Prof. Steininger is head of the research group "Viral Infections" and the Institute for Microbiome Research of the Karl-Landsteiner Society.

Michael Putz is Managing Partner at LEAD Innovation. He studied business administration at the Vienna University of Economics and Business Administration, specialising in entrepreneurship & innovation, market and opinion research. After gaining professional experience at SHELL and PORSCHE, he concentrated on innovation management as a study assistant at the Department of Innovation at the Vienna University of Economics and Business Administration. He regularly gives lectures at MIT - Massachusetts Institute of Technology, in front of companies such as Google and NASA. In 2003 he founded LEAD Innovation.

BACKGROUND OF THE IDEA

The Corona crisis is currently demanding a lot from companies, organisations and associations. Working from the home office is not a viable option for all companies, and many clubs are facing the challenge that training sessions and member meetings are not possible. Especially producing companies are strongly affected by the current situation. It is not uncommon for production output to be reduced or, in the worst case, for companies to temporarily close down in order to prevent the coronavirus from spreading.

Therefore, we have decided to develop a test concept tailor-made for companies, organisations and associations together with 26 economic and scientific partners of our network, which enables you to test employees and members directly on site (e.g. on the parking lot of your company) by means of mobile test stations. We deliver the entire infrastructure (containers for larger groups to be tested; otherwise bus and tent, trained laboratory staff, consumables, software, logistics to the next certified laboratory) and take over the organisation for you. The results are transmitted in real time, so that companies and clubs can react quickly and are protected from virus transmission within the organisation.



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