

A close-up, blue-tinted image of a microscope lens with technical markings like '100/1.25' and '160/0'.

SARS-CoV-2 Insta-Test



GLCM's Solution for *At-the-Door* Screening

The *GLCM SARS-CoV-2 Insta-Test* is a one-of-a-kind saliva test, eliminating the nasopharyngeal swab and all certified practitioner oversight requirements. It does not require expensive equipment or a lab to process results. GLCM's in-vitro diagnostic device produces a signal when exposed to COVID-19 viral antigens and directly detects the virus in under 1 minute. This *Insta-Test* is an "at the door" technology, perfect for any situation that requires immediate and reliable results managing large groups of people. This screening tool is ideal for people boarding a plane or cruise ship, entering a venue for a concert or sporting event, entry into casinos, schools, theme parks and endless other scenarios.

The successful completion of this development introduces an effective platform for future testing solutions as GLCM's graphene is tailorable and offers a rapid solution to emerging and future strains of SARS and other viral diseases.

Having a non-intrusive point-of-care diagnostic screening-tool available on a global scale that can respond instantly to virus in saliva, will enable economies to reopen, and society can gradually return to public venues and social events safely.



How it Works

This simple and *user-friendly* testing device has been designed specifically to test for SARS-CoV-2 and has three main components. 1- the saliva collection device, 2-sensor unit and 3-base reader unit. Once the saliva collection unit is saturated, it is pressed into the sensor unit which holds GLCM's proprietary electrochemical sensors. Once the surface of the sensor changes the base reader unit within seconds will read the sample and deliver a positive, negative or inconclusive result.

GLCM requires all administrators to undertake a simple training program to ensure the understanding of components, management of biohazard waste, and all safety aspects of test management.

FAQ

When will the unit be available?

GLCM is currently advancing into clinical trials of testing the device and then will provide submission to regulatory bodies for approval. These timelines are subject to the completion of the trials and our target is to achieve market authorization in Q1-2022.

How much does the unit cost?

Final pricing for the **GLCM's SARS-CoV-2 Insta-Test** will be available through our major distributors. A list of our distributors soon to be available on our website.

What is the efficacy of the test?

GLCM is currently advancing into clinical trials and all aspects of specificity, sensitivity and overall efficacy will be available upon final results and data provided through the clinical trials.

What types of infection rates will this device pick up of the COVID-19 virus? Is there a range?

The rate of infection of a disease is the probability within a population that a person will become infected. While this parameter is not quantified by **GLCM's SARS-CoV-2 Insta-Test** for SARS-COV-2, this qualitative test is useful as a screening tool which will help to reduce reproduction numbers which means that the disease will spread less rapidly. GLCM is confident that all SARS variants will be detected and are confirming this through our clinical trials.

SARS-CoV-2 Insta-Test

RAPID RESPONSE TIME

Results in under 1 minute

NON-INTRUSIVE METHOD

Easy-to-use. An oral swab absorbs the saliva sample, eliminating the use of a nasopharyngeal swab

COST EFFECTIVE AND SCALEABLE

Reusable electronics reader device and disposable saliva collection vessels

Results Management

No specialist, special lab equipment or lab required to deliver results under 1 minute

"AT-THE-DOOR" TECHNOLOGY

A fast and end-user friendly point of care screening tool to manage large groups of people

TAILORABLE AND CUSTOMIZABLE

To detect other types of viruses and pathogens

Variant Detection

Variant Detection: B.1.1.7 (Alpha), B.1.351 (Beta) E484K mutation, B1.617.2 (Delta). P.1 (Gamma), C.37 (Lamda), Omicron B.1.1.529

BASE READER



SALIVA COLLECTOR



SENSOR VESSEL