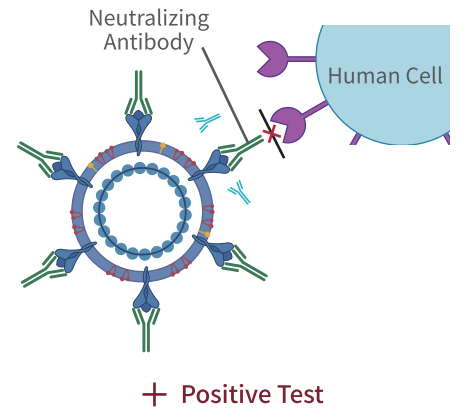
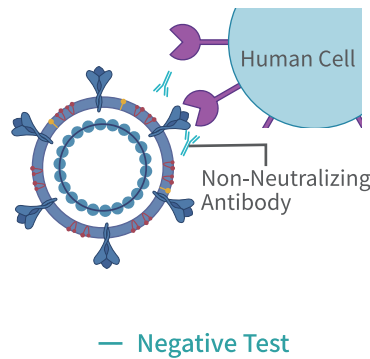
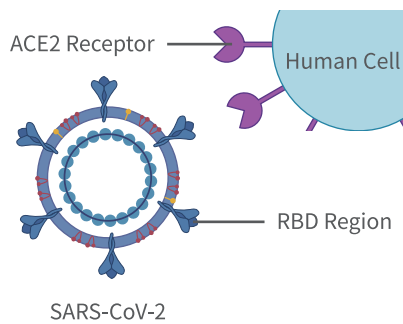


SARS-CoV-2 Neutralizing Antibody Fast Test Kit

(Immunofluorescence Assay)



In order to infect a human cell, SARS-CoV-2 utilizes S protein on its surface to bind to the human ACE2 receptor on the surface of human cells. Upon entry into the cell, the virus replicates causing the immune system to respond by producing different types of antibodies. These include virus-neutralizing antibodies (NABs) which are crucial to protect the human body from future infections.

Product Characteristics



Fast: get test result
in 15 min



Easy to operate



Less sample volume.
Support sample type
of fingertip blood



Quantitative detection,
more accurate

Test Item	Neutralizing Antibodies	Reaction Time	15 min
Sample Type	Serum/Plasma/Venous Whole Blood/Fingertip Blood	Sample Volume	40 μ L

Test Application



Evaluation of Vaccination

An aid in the evaluation of individual immune response after vaccination of COVID-19 vaccine.



Assessment of Convalescent Plasma Therapy

Determine who may qualify to donate blood for convalescent plasma therapy for severe COVID-19 patients.



Diagnosis of Infection

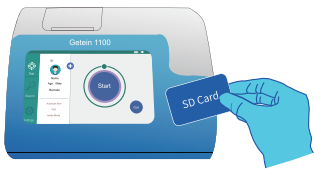
An aid in the diagnosis of individuals with suspected SARS-CoV-2 infection in conjunction with other tests and clinical info.



Epidemiology Research

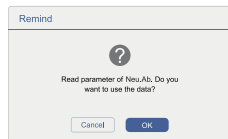
Immune surveillance of large populations or regions.

Operation

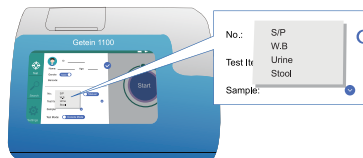


1 Attach the SD card to the SD card recognition zone.

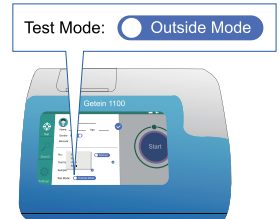
Note: test cards in one batch only need one-time SD card calibration.



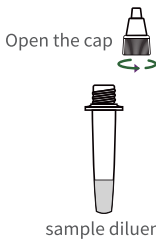
2 Click "OK" to import the reagent parameters.



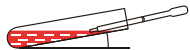
3 Click "+" and select the sample type you will use.



4 There are 2 test modes you can choose, inside mode or outside mode.



sample diluent



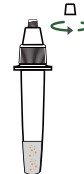
Insert capillary pipet into the sample tube and draw sample to scale line



Squeeze the sample into sample diluent and pump 5-6 times



Discard the capillary pipet and tighten the sample diluent cap



Open the sample diluent cap

5 Sample Pretreatment

6 -A

Inside Mode

(Single sample rapid test mode)



Sample Adding



Test Card Insert



Click "Start" Icon

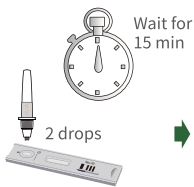


Result Show and Print

6 -B

Quick Mode

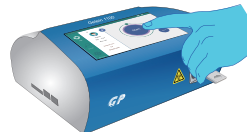
(Mass samples rapid test mode)



Sample Adding



Timing the Reaction Manually



Click "Start" Icon



Result Show and Print

Test Result

Display	Judgement
≥ 1.00	Test results ≥ 1.00 BAU/mL are considered positive
< 1.00	Test results < 1.00 BAU/mL are considered negative
Invalid Test	Test invalid, repeat the test (some procedural error or malfunction of test cards and/or analyzers).

Display of Test Result >>

The first screenshot shows a mobile application interface with a patient profile and a test result of 0.50 BAU/mL. The second screenshot shows a printed test report with a table of test items and results. The third screenshot shows a summary table titled "Test Result" with the following data:

Test Item	Result	Judgement
Neu. Ab	48.25 ↑ BAU/mL	Positive
Neu. Ab	<0.50 BAU/mL	Negative

Note: The test values above are just an example. Actual test values may differ.