

GenBody COVID-19 Antigen Test

Rapid test for the detection of the SARS-CoV-2 antigen

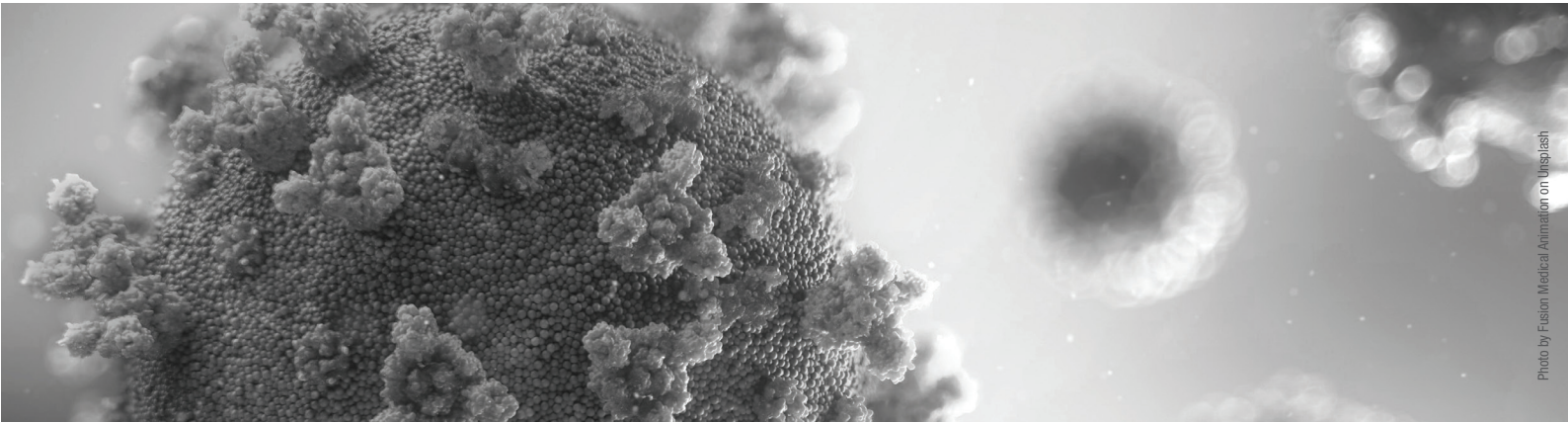


Photo by Fusion Medical Animation on Unsplash

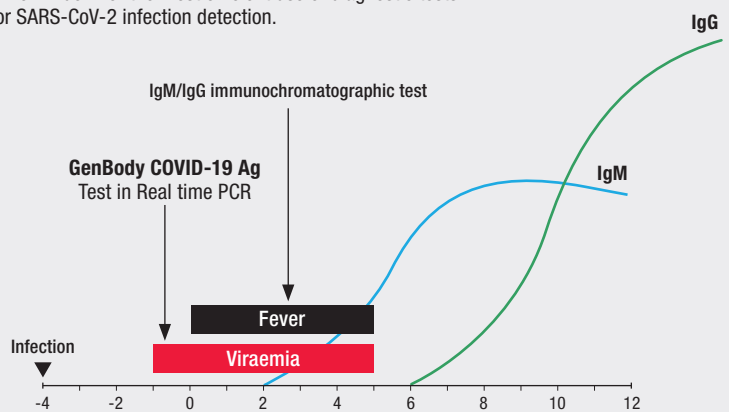
The growing need for a rapid and accurate test method that identifies large numbers of infected patients and asymptomatic carriers to prevent transmission of the SARS-CoV-2 virus and ensuring prompt patient treatment, has led to the development of the **GenBody COVID-19 Ag** rapid test.

GenBody COVID-19 Ag is a rapid immunochromatographic cassette test for the qualitative detection of the SARS-CoV-2 nucleoprotein antigen in nasopharyngeal and oropharyngeal swabs, as a support to the etiological analysis by Real time PCR.

GenBody COVID-19 Ag

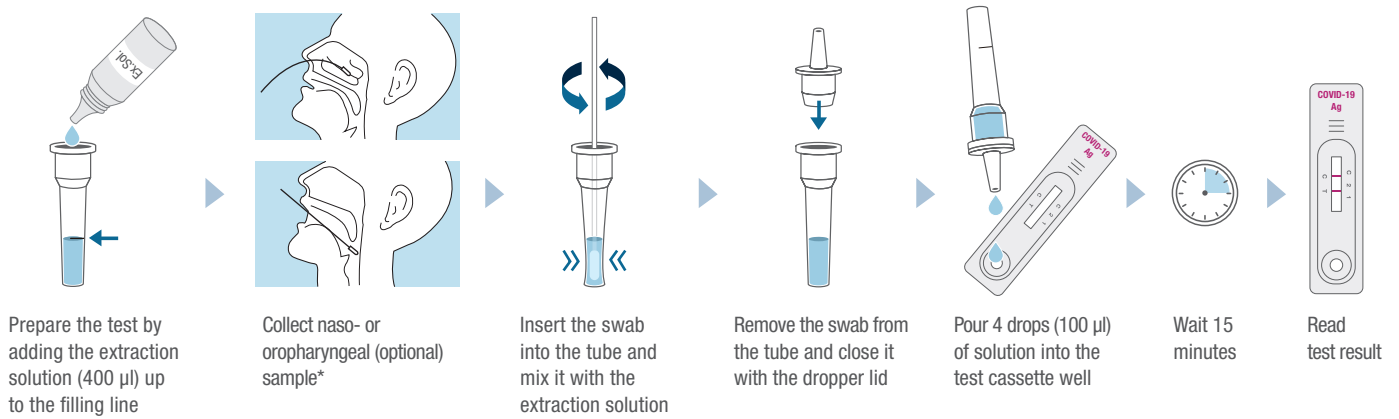
- Ref. 9432
- Format: 25 Test
- Test: immunochromatographic cassette
- Antigen: Nucleocapside
- Sample: naso- and oropharyngeal swabs
- Test procedure: < 20' at RT
- Results reading and interpretation: manual or automated

Time window for the most efficient use of diagnostic tests for SARS-CoV-2 infection detection.



The test is CE-IVD marked.

Test procedure



*The test is also validated for use with swabs containing UTM™ and VTM transport solutions

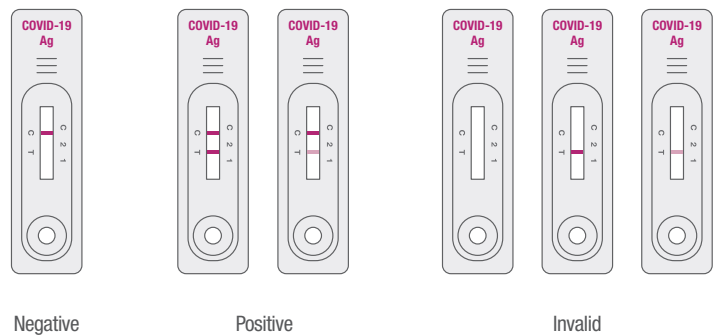
Interpretation of test results

The appearance of one or more coloured bands defines either the positivity or negativity to the test:

Negative result: only control band (C) is present.

Positive result: both control (C) and test (T) bands are present.

Invalid result: if after 30 minutes there is no evidence of a band in the control area (C), the result is to be considered invalid, even in the presence of a band in the test area (T). The test must be repeated.



Test performance

Diagnostic sensitivity*	90.0% (95% CI = 73.47% - 97.89%)	Accuracy	96%
Diagnostic specificity*	98.0% (95% CI = 92.96% - 99.76%)	Limit of Detection (LoD)	5.07 x 10 ² TCID ₅₀ /ml (on inactivated cultures)

*Data were obtained from a clinical study for the evaluation of the performance of the test, where the test was on performed on 130 samples and compared with RT-qPCR results.

Confiscope G20

Confiscope G20 (ref. 2051) is a device for reading and automatically interpret results of the **GenBody COVID-19 Ag** immunochromatographic cassette tests.

- **Easy to use**
- **Fast reading:** results available in 6 seconds
- **QR Code** for lots calibration and registration
- **High data traceability** with the database with more than 10,000 test data entries
- **Exportable database** in Excel format
- **Google Android 5.1** Interface
- **Wi-Fi** direct transmission of test results
- **Portable** (dimensions: 18,5x9x11,5 cm; weight: 812 g)
- **Wi-Fi connectivity** for software update

The device is CE-IVD marked.

