

SIMPLE/STICK AG SARS-COV-2

One-step immunochromatographic test for the qualitative detection of the antigen of the virus SARS-CoV-2 in nasal or oropharyngeal samples

A new severe respiratory syndrome caused by a coronavirus was first observed in Wuhan (China) in December 2019. The infection has spread all over the world and, consequently, on March 2020, the disease was declared a pandemic by the WHO. The new virus was called SARS-CoV-2, causing COVID-19 disease.

The currently gold standard for the detection of SARS-CoV-2 relies on viral RNA amplification by real-time RT-PCR, but it requires few hours before results release. In addition, the pandemic highlighted the limits of production and trade for molecular tests. There are increasing amounts of data to support the use of antigen tests as screening tests to detect or exclude active COVID-19, and to determine whether a person who previously was diagnosed with COVID-19 remains infectious. Antigen tests can be used at the point of care, as they are user friendly, returning results in just few minutes.

Ag SARS-CoV-2 rapid test, in conjunction with confirmatory testing, might be an important tool for accurate and prompt clinical management of patients with suspected COVID-19 and for preventing transmission. Furthermore, it may be helpful to relieve the workload in diagnostic hospitals and laboratories and to improve the turn-around time.

Procedure





Stick format



Results

