

COVID 19 Coronavirus Assay Kit | COVID-19 assay kit

SARS-CoV-2 Antigen Assay Kit

CATALOG #
AAA81025

PRODUCT SYNONYMS

COVID 19 Coronavirus; SARS-CoV-2 Antigen Assay Kit; 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; SARS-CoV-2 Nucleocapsid Antigen Assay Kit; COVID-19 assay kit

PRODUCT SPECIFICATIONS

Samples	Human nasal throat swabs or oral throat swabs
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ADDITIONAL INFORMATION

Related Product Information for COVID-19 assay kit

Intended Uses: This product is used to qualitatively detect the novel coronavirus (SARS-CoV-2) antigen in human nasal throat swabs or oral throat swabs.

Principle of the Assay: This product adopts colloidal gold immunochromatography technology, spraying colloidal gold labeled SARS-CoV-2 monoclonal antibody 1 on the gold pad. The SARS-CoV-2 monoclonal antibody 2 is coated on nitrocellulose membrane as the test line (T line) and goat anti-mouse IgG antibody is coated as the quality control line (C line). When an appropriate amount of the sample to be tested is added to the sample hole of the test card, the sample will move forward along the test card under capillary action. If the sample contains a SARS-CoV-2 antigen, the antigen will bind with the colloidal gold labeled SARS-CoV-2 monoclonal antibody 1, and the immune complex forms a complex with the coated SARS-CoV-2 monoclonal antibody 2 at the T line, showing a purple-red T line, indicating that the SARS-CoV-2 antigen is detected. If the test line T does not show color and shows a negative result, it means that the sample does not contain detectable SARS-CoV-2 antigen. The test card also contains a quality control line C, regardless of whether there is a test line, the purple-red quality control line C should appear. If the quality control line C does not appear, it indicates that the test result is invalid.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/covid-19-assay-kits/covid-19-coronavirus/81025>