

COVID 19 Nucleoprotein (N) / Spike Glycoprotein (S) Antibody Immunochromatography Coronavirus Assay Kit | COVID-19 assay kit

Human SARS-CoV-2 Nucleoprotein (N) / Spike Glycoprotein (S) Antibody Immunochromatography Assay Kit

CATALOG #

AAA27035

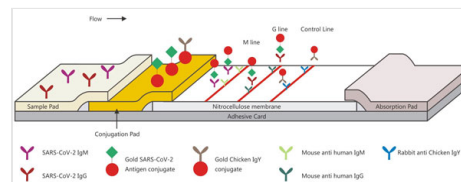
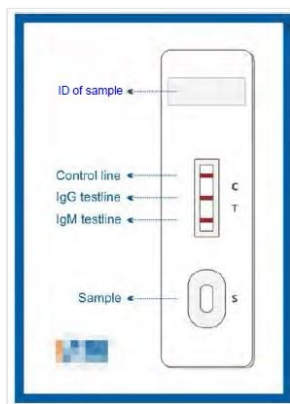
PRODUCT SYNONYMS

COVID 19 Nucleoprotein (N) / Spike Glycoprotein (S) Antibody Immunochromatography Coronavirus; Human SARS-CoV-2 Nucleoprotein (N) / Spike Glycoprotein (S) Antibody Immunochromatography 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; Nucleoprotein (N) / Spike Glycoprotein (S) Antibody Immunochromatography; Nucleocapsid; Nucleoprotein (NP); COVID-19 assay kit

PRODUCT SPECIFICATIONS

Samples	Serum, plasma and whole blood
Assay Type	Qualitative Sandwich
Application Notes	COVID 19 Spike S1 hlgG-Fc Coronavirus Antibody can be used as an S1-IgG positive control. SARS-CoV-2 Spike S1 sFv, hlgM-Fc Chimeric Antibody can be used as an S1-IgM positive control.
Preparation and Storage	Store at 2 degree C to -30 degree C.

IMAGES



Colloidal Gold (Immunochromatography) Diagram

SARS-CoV-2 IgM IgG Antibody Assay (Colloidal Gold) (Immunochromatography) Diagram. This conceptual diagram is applicable to the AAA27035 COVID 19 IgG/IgM Coronavirus Assay Kit, IgM/IgG COVID 19 IgM/IgG Reagent and the IgM/IgG COVID 19 IgM/IgG Reagent. The uncut sheet is used to make the COVID 19 IgM/IgG Coronavirus (COVID-19) Reagent and AAA27035 COVID 19 IgG/IgM Coronavirus Assay Kit. Refer to the AAA27035, and links for product details.

Sample Sheet

Results for individual researchers may vary.

ADDITIONAL INFORMATION

Related Product Information for COVID-19 assay kit	Principle of the Assay: This product adopts colloidal gold immunity technology, the gold marker of recombinant novel coronavirus nucleoprotein(N) / spike glycoprotein(S) antigen and control antibody was sprayed on the binding pad; The nitrocellulosic membrane is coated with two test lines (G and M) and a control line (C). The M-line was coated with mouse anti-human IgM monoclonal antibody, which was used to detect the novel coronavirus nucleoprotein(N) / spike glycoprotein(S) antibody; The G-line was coated with mouse anti-human IgG monoclonal antibody, which is used to detect the novel coronavirus nucleoprotein(N) / spike glycoprotein(S) IgG antibody. The C-line was coated with a quality control antibody. When the novel coronavirus nucleoprotein(N) / spike glycoprotein(S) sample is added to the sample hole of the test card, the sample will move along the test card under the action of chromatography. If the sample contains the novel coronavirus nucleoprotein(N) / spike glycoprotein(S) IgM antibody, the antibody binds to the gold-labeled virus antigen. The immune complex forms a sandwich complex with the coated mouse anti-human IgM monoclonal antibody at the M line, showing a purplish red M line, indicating a positive IgM antibody for the novel coronavirus. If the sample contains the novel coronavirus nucleoprotein(N) / spike glycoprotein(S) IgG antibody, they bind to the gold-labeled novel coronavirus nucleoprotein(N) / spike glycoprotein(S) antigen. The immune complex forms a sandwich complex at the G line with the coated mouse anti-human IgG monoclonal antibody, showing a purplish red G line, indicating that the novel coronavirus nucleoprotein(N) / spike glycoprotein(S) IgG antibody is positive. If the test line G and M do not produce color, the negative result is displayed. The test card also contains a control line C. The purplish red control line C should be present regardless of whether there is a test line. If the control line C does not appear, it indicates that the test result is invalid, and the sample should be tested again.
Product Categories/Family for COVID-19 assay kit	Infectious Disease

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/covid-19-assay-kits/covid-19-nucleoprotein-n-spike-glycoprotein-s-antibody-immunochromatography-coronavirus/27035>