

COVID 19 Coronavirus Reagent | COVID-19 reagent

SARS-CoV-2 Spike Antigen Rapid Test (Uncut pad)

CATALOG #
AAA13552

PRODUCT SYNONYMS

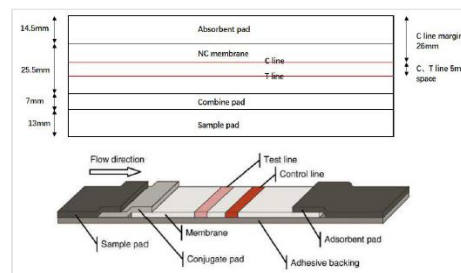
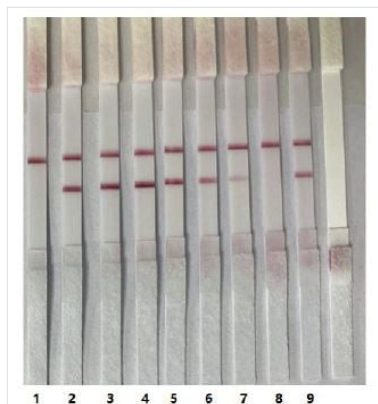
COVID 19 Coronavirus; SARS-CoV-2 Spike Antigen Rapid Test (Uncut pad); 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; COVID-19 reagent

PRODUCT SPECIFICATIONS

Protocol

1. Open the aluminum foil bag to get the uncut pad, cut it into strips by a clean knife or scissors. It is recommended to cut each strip with 3-4 mm x 60 mm.
2. Assemble the strips into the test card for assay or analyze with the strips directly.
3. Add 60 ul (If cut the strip with 3 mm x 60 mm) or 80 ul (If cut the strip with 4 mm x 60 mm) of properly diluted samples or (SARS-CoV-2 S-RBD protein) or suitable positive control to the sample hole.
(Note:
A. Please dilute the samples with the provided Sample diluent buffer.
B. For it is suggested to dilute at 1:1000 with the Sample diluent buffer at first then upload, if the positive signal is weak, then, optimize the dilution.)
4. Read the results at 15 min. Strong positive results may be observed in 2-3 minutes.
Weak positive results may take longer time, up to 5 minutes to develop. Results read after 18 min are invalid.

IMAGES



Antibodies Information

Conjugate pad: Colloidal gold conjugated (SARS-CoV-2 S-RBD antibody with Clone # 2D1) & Colloidal gold (Chicken IgY). T line: (SARS-CoV-2 S-RBD antibody with Clone # 1B1). C line: (Rabbit anti-chicken IgY).

Application Data

Lane 1: 1x PBS was added at the sample hole (Negative); Lane 2: S-RBD protein (2.08mg/ml) with dilution at 1:100 (Positive); Lane 3: S-RBD protein (2.08mg/ml) with dilution at 1:1000 (Positive); Lane 4: S-RBD protein (2.08mg/ml) with dilution at 1:2000 (Positive); Lane 5: S-RBD protein (2.08mg/ml) with dilution at 1:4000 (Positive); Lane 6: S-RBD protein (2.08mg/ml) with dilution at 1:8000 (Positive); Lane 7: S-RBD protein (2.08mg/ml) with dilution at 1:16,000 (Positive); Lane 8: Lysis buffer (Negative); Lane 9: SARS-CoV-2 vaccinum which was purchased from other company (concentration is unknown).

ADDITIONAL INFORMATION

Related Product Information for COVID-19 reagent

Background/Introduction: This product was used for detecting the SARS-CoV-2 S-RBD proteins in Lateral Flow (rapid test) application.

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://stage.aaabiotech.com/covid-19-reagent/covid-19-coronavirus/13552>