

Hamster COVID-19 Nucleocapsid (NP) Spike RBD IgG Coronavirus ELISA Kit | COVID-19 elisa kit

Hamster anti-SARS-CoV-2 (RBD)IgG ELISA Kit

CATALOG #
AAA250837

REACTIVITY
Hamster

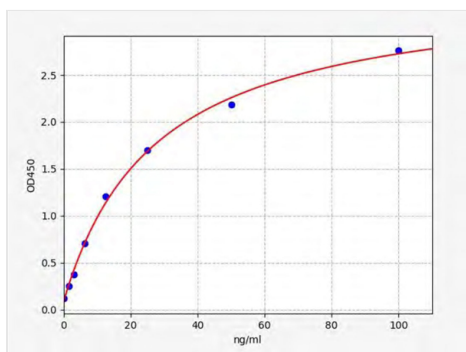
PRODUCT SYNONYMS

COVID-19 Nucleocapsid (NP) Spike RBD IgG Coronavirus; Hamster anti-SARS-CoV-2 (RBD)IgG ELISA Kit; 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; anti-SARS-CoV-2 (RBD) IgG; Spike RBD IgG; COVID-19 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Hamster
Specificity	This assay has high sensitivity and excellent specificity for detection of anti- SARS-CoV-2 (RBD) IgG. No significant cross-reactivity or interference between anti- SARS-CoV-2 (RBD) IgG and analogues was observed.
Samples	Serum, plasma and other biological fluids
Detection Range	1.563-100ng/ml
Sensitivity	0.938ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for COVID-19 elisa kit	Principle of the Assay: This kit was based on indirect enzyme-linked immune-sorbent assay technology. Recombinant SARS-CoV-2 (RBD) (antigen) was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP - Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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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/hamster-elisa-kits/covid-19-nucleocapsid-np-spike-rbd-igg-coronavirus/250837>