

Mouse COVID-19 Nucleocapsid (NP) Spike RBD (XBB.1)IgG Coronavirus ELISA Kit | COVID-19 elisa kit

Mouse anti-SARS-CoV2 (S-RBD) (XBB.1)IgG ELISA Kit

CATALOG #
AAA251084

REACTIVITY
Mouse

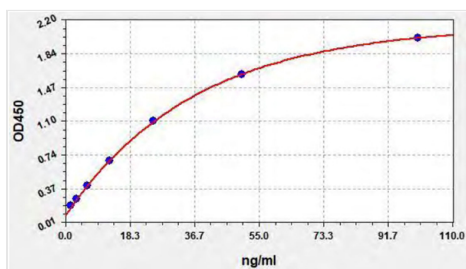
PRODUCT SYNONYMS

COVID-19 Nucleocapsid (NP) Spike RBD (XBB.1)IgG Coronavirus; Mouse anti-SARS-CoV2 (S-RBD) (XBB.1)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-CoV2(S-RBD)(XBB.1)IgG; Spike RBD (XBB.1)IgG; COVID-19 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Specifically recognize anti-SARS-CoV2(S-RBD)(XBB.1)IgG, no obvious cross reaction with other analogues
Samples	Serum, plasma, cell culture supernatant and other biological
Detection Range	1.563-100ng/ml
Sensitivity	0.938ng/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
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	Background: In late 2022, SARS-CoV-2 Omicron subvariants have become highly diversified, and XBB is spreading rapidly around the world. XBB emerged through the recombination of two cocirculating BA.2 lineages, BJ.1 and BM.1.1.1 (a progeny of BA.2.75), during the summer of 2022. XBB.1 is the variant most profoundly resistant to BA.2/5 breakthrough infection sera to date and is more fusogenic than BA.2.75. Principle of the Assay: This kit was based on indirect enzyme-linked immune-sorbent assay technology. Recombinant protein was pre-coated onto the 96-well plate. The HRP conjugated antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, HRP detection antibody was added to wells. After washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding acidic stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of target antigen in the sample is positively correlated with OD450 and can be calculated by plotting the standard curve.
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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/mouse-elisa-kits/covid-19-nucleocapsid-np-spike-rbd-xbb-1-igg-coronavirus/251084>