

# Human COVID-19 Nucleocapsid (NP) Spike RBD (Omicron,B.1.1.529)IgM Coronavirus ELISA Kit | COVID-19 elisa kit

Human anti-SARS-CoV2 (S-RBD) (Omicron,B.1.1.529)IgM ELISA Kit

CATALOG #  
**AAA250811**

REACTIVITY  
**Human**

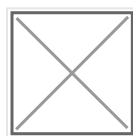
## PRODUCT SYNONYMS

COVID-19 Nucleocapsid (NP) Spike RBD (Omicron; B.1.1.529)IgM Coronavirus; Human anti-SARS-CoV2 (S-RBD) (Omicron; B.1.1.529)IgM 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) (Omicron; B.1.1.529); Spike RBD (Omicron; B.1.1.529)IgM; COVID-19 elisa kit

## PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                        |
| Specificity             | Specifically recognize anti-SARS-CoV2(S-RBD) (Omicron,B.1.1.529)IgM, no obvious cross reaction with other analogues                                          |
| Samples                 | Serum, plasma, cell culture supernatant and other biological samples                                                                                         |
| 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: Omicron (English name: Omicron, number: B.1.1.529), a variant of the 2019 novel coronavirus.

Principle of the Assay: This kit was based on indirect enzyme-linked immune-sorbent assay technology. Recombinant SARS-CoV2(SRBD) (Omicron,B.1.1.529) 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.

**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/human-elisa-kits/covid-19-nucleocapsid-np-spike-rbd-omicronb-1-1-529-igm-coronavirus/250811>