

Human COVID 19 Spike S IgM Coronavirus ELISA Kit | COVID-19 elisa kit

Human Anti-2019 nCoV (S) IgM ELISA Kit

CATALOG #
AAA249693

REACTIVITY
Human

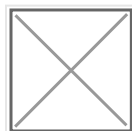
PRODUCT SYNONYMS

COVID 19 Spike S IgM Coronavirus; Human Anti-2019 nCoV (S) 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; Spike S IgM; COVID-19 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Anti-2019 nCoV (S) IgM. No significant cross-reactivity or interference between Anti-2019 nCoV (S) IgM and analogues was observed.
Assay Type	Indirect ELISA
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/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 2019-nCoV Spike protein(antigen) were pre-coated onto 96-well plates. The test samples were added to the wells, unbound conjugates were washed away with wash buffer. Then added HRP conjugated anti-human IgM, if there were any Anti-2019 nCoV(S) IgM in the samples, it would form a complex. TMB substrates were used to visualize HRP enzymatic reaction. It was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The optical density of developed color is read with a suitable photometer at 450nm with a selected reference wavelength within 650nm.

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-human-elisa-kits/covid-19-spike-s-igm-coronavirus/249693>