

SARS-CoV-2 COVID 19 Nucleocapsid (NP) Human IgG Coronavirus ELISA Kit | COVID-19 elisa kit

Anti-SARS-CoV-2 Nucleocapsid (NP) Human IgG ELISA Kit

CATALOG #
AAA120708

REACTIVITY
SARS-CoV-2

PRODUCT SYNONYMS

COVID 19 Nucleocapsid (NP) Human IgG Coronavirus; Anti-SARS-CoV-2 Nucleocapsid (NP) Human 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; Nucleocapsid; Nucleoprotein (NP); Spike glycoprotein; S glycoprotein; E2; Peplomer protein; Spike protein S1; S; Receptor-Binding Domain; RBD; RBD (Delta); Delta; COVID-19 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	SARS-CoV-2
Samples	Serum and plasma
Detection Range	125 - 8,000 pg/mL
Sensitivity	< 100 pg/mL
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): <10%. Three samples of known concentration were tested sixteen times on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays): <15%. Three samples of known concentration were tested in twenty four separate assays to assess inter-assay precision.
Preparation and Storage	When the kit was stored at the recommended temperature for 6 months, the signal intensity decreased by less than 20%. For unopened kits, if you want to prolong the storage time, please store the Standard, Detection A, Detection B and Microplate at - 20 degree C, the rest reagents should be store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for COVID-19 elisa kit	Principle of the Assay: This assay employs the quantitative indirect enzyme immunoassay technique. Recombinant SARS-CoV-2 Nucleocapsid (NP) has been pre-coated onto a microplate. Standards or samples are pipetted into the wells and any Anti-SARS-CoV-2 Nucleocapsid (NP) Human IgG present is bound by the immobilized protein. After washing away any unbound substances, a biotin-labeled Mouse Anti-Human IgG antibody is added to the wells. After washing away any unbound substances, Streptavidin-HRP is added to the wells. Following a wash to remove any unbound enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Anti-SARS-CoV-2 Nucleocapsid (NP) Human IgG bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: Used for the quantitative determination of Anti-SARS-CoV-2 Nucleocapsid (NP) Human IgG concentration in serum and plasma.
Product Categories/Family for COVID-19 elisa kit	ELISA Kits

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-elisa-kits/covid-19-nucleocapsid-np-human-igg-coronavirus/120708>