Human COVID 19 Nucleocapsid (NP) total antibody Coronavirus ELISA Kit | COVID-19 elisa kit

Human COVID 19 Nucleocapsid (NP) Total Antibody Coronavirus ELISA Kit

CATALOG #	REACTIVITY
AAA60536	**Human**

PRODUCT SYNONYMS

COVID 19 Nucleocapsid (NP) total antibody Coronavirus; Human COVID 19 Nucleocapsid (NP) Total Antibody Coronavirus 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); Human COVID 19 Nucleocapsid (NP) Total Ab Coronavirus ELISA Kit; COVID-19 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Human serum or plasma
Preparation and Storage	The kit should be stored at 2-8 degree C upon receipt.

ADDITIONAL INFORMATION

Related Product Information for COVID-19 elisa kit	Intended Uses: SARS-CoV-2 NP Ab ELISA kit is an enzyme-linked immunosorbent assay (ELISA) for the detection and qualitative measurement of total antibodies against the nucleocapsid protein (NP) of SARS-CoV-2 virus in human blood. Principle of the Assay: SARS-CoV-2 NP Ab ELISA kit is a two-step incubation immunoassay kit. Recombinant nucleocapsid protein (NP) of SARS-CoV-2 pre-coated onto the polystyrene microwell strips can specifically recognize anti-NP antibodies in human serum or plasma specimens. After a 1-hour incubation, anti-NP antibodies are captured by immobilized NP protein while the unbound components are washed away. Afterwards, a detection solution containing HRP- conjugated NP is added for another 1-hour incubation, wherein HRP-conjugated NP binds to the total antibodies previously bound to NP protein on the plate. After removal of nonspecific bindings, a HRP substrate solution containing 3,3?,5,5?-Tetramethylbenzidine (TMB) is added, resulting in the formation of a blue color. Color reaction is stopped by 2M H2SO4, transforming the blue color to yellow signals, which is quantified by an absorbance microplate reader at 450nm. The color intensity is proportional to the amount of anti-NP total antibodies captured inside the wells.

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-human-elisa-kits/covid-19-nucleocapsid-np-total-antibody-coronavirus/60536