Affinity purified SARS-CoV-2 (COVID-19, 2019-nCoV) Spike S2 Domain Antibody - HRP conjugate

Catalog ab-131-294-HRP
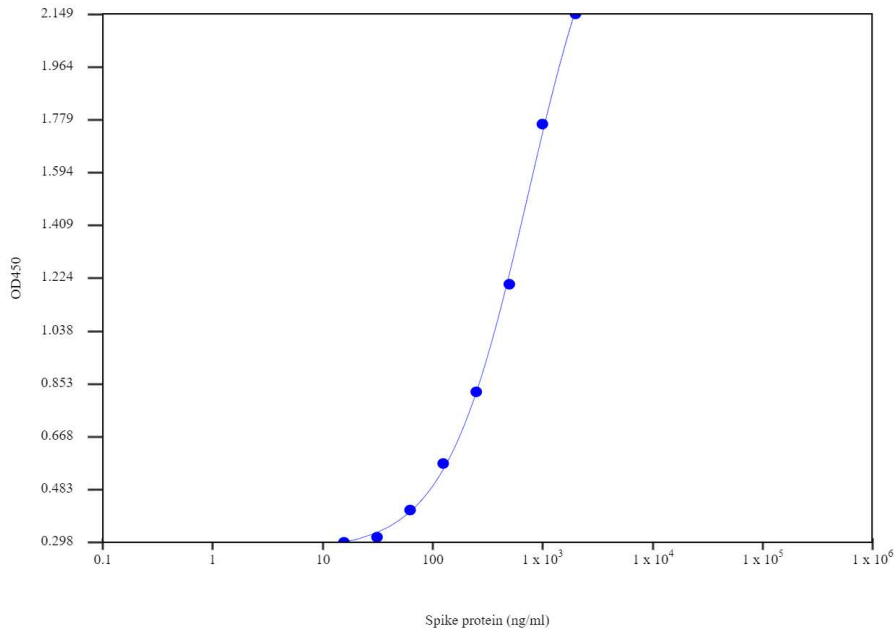

Figure 1 ELISA test of chicken anti- COVID-19 spike S2 protein.
Antibodies: SARS-CoV-2 (COVID-19, 2019-nCoV) Spike protein was coated at dilutions ranging from 2000ng/ml to 15ng/ml(S2) PBS. After blocking and washing, ab-131-294-HRP was incubated on the plate at 1ug/ml for 1 hour at room temperature. After a final wash, TMB was added for 10 minutes and stopped by the addition of 0.2M sulphuric acid. OD450 was measured

SPECIFICATIONS

HOST SPECIES:	Chicken
SPECIES REACTIVITY:	Virus
HOMOLOGY:	Predicted reactivity based on immunogen sequence: SARS-CoV Spike protein (S2): (100%)
IMMUNOGEN:	Anti-SARS-CoV-2 (COVID-19, 2019-nCoV) Spike antibody was raised against recombinant SARS-CoV-2 (2019-nCoV) spike protein (S2) domain. The immunogen is the spike protein S2 domain produced using HEK293 cells.

	Immunogen has been tested for activity and can bind with human ACE2 in functional ELISA assay.
TESTED APPLICATIONS:	ELISA
APPLICATIONS:	SARS-CoV-2 (COVID-19, 2019-nCoV) Spike antibody can be used for detection of full length SARS-CoV-2 (COVID-19, 2019-nCoV) Spike protein (S1+S2) or truncated SARS-CoV-2 (COVID-19, 2019-nCoV) Spike protein S2 domain by ELISA.

PROPERTIES

CLONALITY:	Polyclonal
ISOTYPE:	IgY (IgG)
CONJUGATES:	HRP
PHYSICAL STATE:	Liquid
CONCENTRATION:	IgY derived from eggs at a concentration of 1mg/ml in PBS with no preservative
VOLUME	100µl
STORAGE CONDITIONS:	SARS-CoV-2 (COVID-19, 2019-nCoV) Spike antibody can be stored at 4˚C for one month and -20˚C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

ADDITIONAL INFORMATION

ALTERNATE NAMES:	SARS-CoV-2 (COVID-19, 2019-nCoV) Spike Antibody: Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), Surface Glycoprotein, Spike protein
ACCESSION NO.:	QHD43416
PROTEIN GI NO.:	1791269090