

Affinity purified SARS-CoV-2 (COVID-19, 2019-nCoV) Spike S2 Domain Antibody Unconjugated (Chicken IgY)



Catalog ab-131-294

Spike protein concentration curve

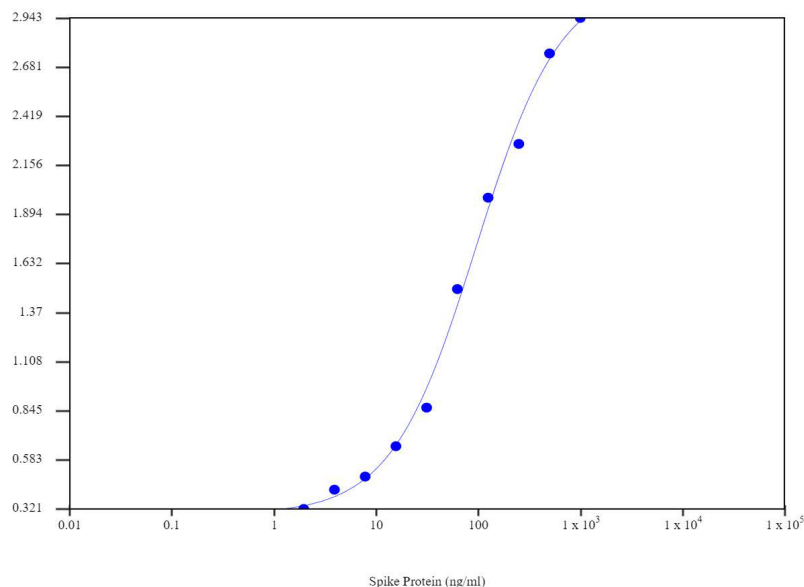


Figure 1 ELISA test of chicken anti-COVID-19 spike S2 protein.

Antibodies: SARS-CoV-2 (COVID-19, 2019-nCoV) Spike protein at a concentration range of 1000ng/ml to 2ng/ml was captured using rabbit anti-S1 antibody. After blocking and washing, anti-S2 (ab-131-294) was incubated on the plate at 1ug/ml for 1 hour at room temperature. After washing, HRP conjugated rabbit anti-Chicken IgY was added at 65ng/ml to each well. 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.

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:	Unconjugated
PHYSICAL STATE:	Liquid
CONCENTRATION:	IgY derived from eggs at a concentration of 1mg/ml in PBS with 0.01% NaN ₃
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