

Recombinant SARS-CoV-2 (COVID-19) Nucleocapsid Antibody [6G9]

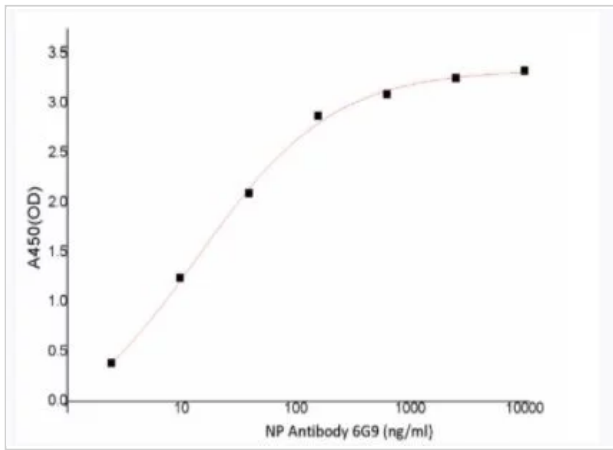
CATALOG NUMBER: 93-300

Specifications

Host Species	Human
Species Reactivity	Virus
Immunogen	full length recombinant Nucleocapsid Protein
Conjugate	Unconjugated
Tested Applications	E
User Note	Optimal dilutions for each application to be determined by the researcher.
Specificity	Antibody recognizes 2019-nCoV Nucleocapsid Protein

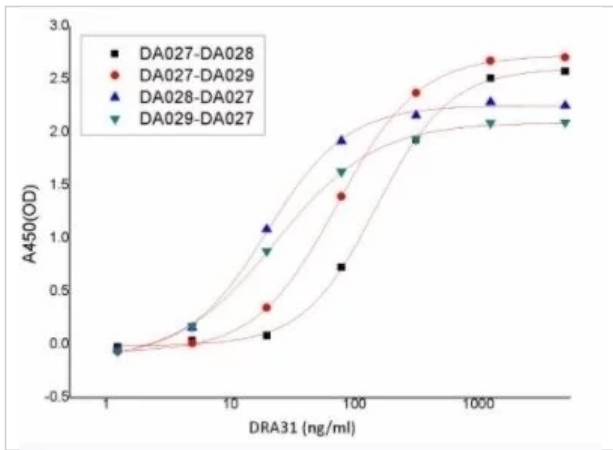
Properties

Purification	≥95 %
Clonality	Recombinant Monoclonal
Isotype	Human IgG1
Physical State	Liquid
Buffer	PBS, pH 7.4
Concentration	5.0 mg/ml (+/- 10 %)
Storage Conditions	24 months from manufacturing at <-20 °C; 1 month, 2 to 8 °C under sterile conditions.



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Immobilized 2019-nCoV Nucleocapsid Protein (Cat#92-728) at 5.0µg/ml (100µL/well) can bind 2019-nCoV NP Antibody (6G9), the EC50 for this effect is 5-30ng/ml.

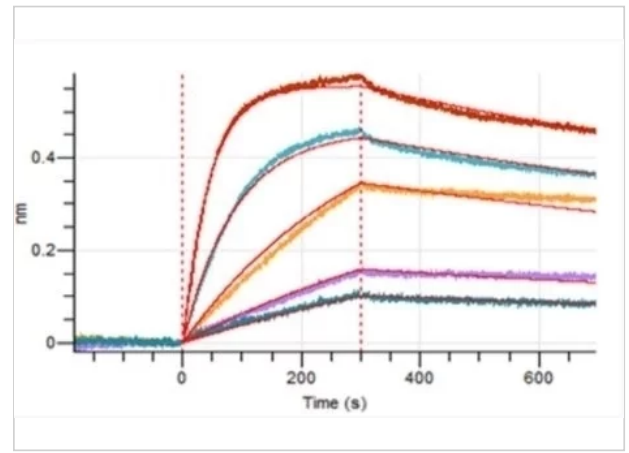


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Please note that pair recommendations are based on results obtained by our laboratory. Equally good results may be obtained using other pairs and therefore these recommendations are only indicative.

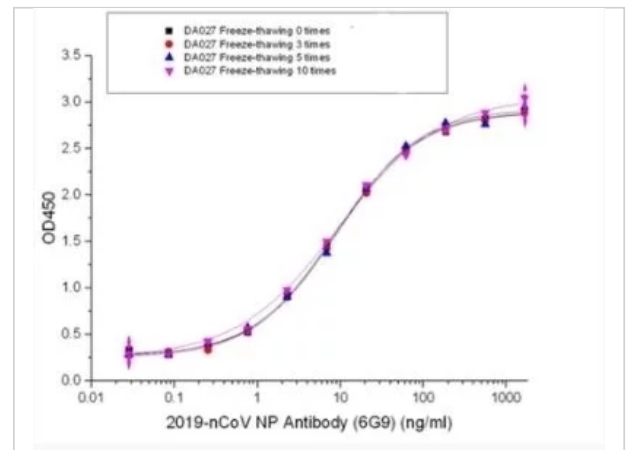
Disclaimer

Disclaimer	Optimal dilutions/concentrations should be determined by the end user. The information provided is a guideline for product use. This product is for research use only.
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Loaded 2019-nCoV Nucleocapsid Protein-His (Cat#92-728) on HIS1K Biosensor, can bind 2019-nCoV NP Antibody (6G9)(Cat#93-300) with an affinity constant of 1.15 nM as determined in BLI assay.



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Freeze-thaw stability is tested by repeated freeze-thaw cycles. The result showed that product bioactivity is no significant differences after freeze-thawing 10 times.

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