

COVID 19 Nucleocapsid (NP) N3 fragment (C-ter domain) Coronavirus Recombinant Protein | COVID-19 recombinant protein

2019-nCov Nucleocapsid Recombinant Protein N3 fragment (C-ter domain)

CATALOG # AAA27949	HOST E Coli	APPLICATIONS ELISA
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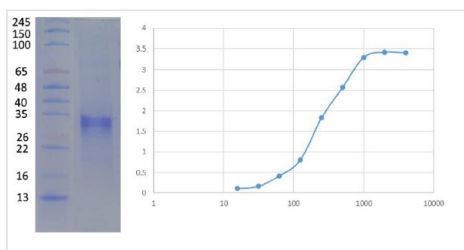
PRODUCT SYNONYMS

COVID 19 Nucleocapsid (NP) N3 fragment (C-ter domain) Coronavirus; 2019-nCov Nucleocapsid Recombinant Protein N3 fragment (C-ter domain); 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); COVID-19 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Specificity	No non-specific binding to normal human serum was identified so far.
Purity/Purification	Purity: >95% by SDS-page Purification: Ni column
Form/Format	Liquid; 20mM Tris, 300mM NaCl, PH8.5
Concentration	1.0 mg/mL (varies by lot)
Applicable Applications for COVID-19 recombinant protein	ELISA
Product Note	According to previous study on SARS CoV, SARS NP C-ter domain can react with all SARS positive serum. We therefore designed 2019-nCoV NP C-ter domain for the good of a better IVD product. We believe the 2019-nCoV NP C-ter domain is more stable than the full-length NP since it lacks the autolysis sites. This property may make the 2019-nCoV NP C-ter domain more suitable to the IVD applications.
Preparation and Storage	Store at 2-8°C. Avoiding freeze/thaw cycles.

IMAGES



ELISA

ELISA plate was coated by N protein, 100 uL/cell, at various concentrations. The direct ELISA analysis was performed by loading 100 uL per well of a anti C-ter His tag HRP conjugated mAb at a concentration of 1:2000. The plate was incubated for 1 hours at 37 degree C, then washed 5 time. Detection was performed using TMB substrate for 10 minutes at room temperature in the dark. The plate was stopped with 2M sulfuric acid. Absorbances were read on a spectrophotometer at 450 nm.

ADDITIONAL INFORMATION

Product Categories/Family for COVID-19 recombinant protein	Infectious Diseases
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NCBI AND UNIPROT INFORMATION

Molecular Weight	28 kDa
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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-nucleocapsid-np-n3-fragment-c-ter-domain-coronavirus-recombinant-protein-e-coli-elisa/27949>