

## Product Details

### Summary

<b>Product name</b>	Anti 2019-nCoV Nucleocapsid protein polyclonal antibody
<b>Catalog#</b>	ATP237
<b>description</b>	Produced in rabbits immunized with purified, Recombinant SARS-CoV-2 Nucleocapsid protein
<b>Accession #</b>	P0DTC9
<b>Alternative names</b>	Nucleoprotein, N, NC, Protein N
<b>Stability &amp; Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 °C for one week . Store at -20 to -82 °C for twelve months from the date of receipt.
<b>Specificity</b>	Recognizes SARS-CoV-2 Nucleocapsid protein
<b>Isotype</b>	IgG
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugate
<b>Species reactivity</b>	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV) (SARS-CoV-2)
<b>Tested applications</b>	Elisa
<b>Immunogen</b>	Recombinant SARS-CoV-2 Nucleocapsid protein (Met1-Ala419)

### Background

Coronavirus N protein is required for coronavirus RNA synthesis, and has RNA chaperone activity that may be involved in template switch. Nucleocapsid protein is a most abundant protein of coronavirus. N protein packages the positive strand viral genome RNA into a helical ribonucleocapsid (RNP) and plays a fundamental role during virion assembly through its interactions with the viral genome and membrane protein M. Plays an important role in enhancing the efficiency of subgenomic viral RNA transcription as well as viral replication. Because of the conservation of N protein sequence and its strong immunogenicity, the N protein of coronavirus is chosen as a diagnostic tool.

### Product performance

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, pH7.4, containing 0.05% proclin300, 50% glycerol.



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## Anti 2019-nCoV Nucleocapsid protein polyclonal antibody

Concentration 0.82mg/ml

MW 45kDa

### Application

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Dilution Range Elisa: 1:4000~1:8000

### Note

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For research use only.

