

## SARS-CoV-2 (COVID-19) Nucleocapsid antibody [HL455]

## Cat. No. GTx635688

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, ELISA, Lateral Flow, Sandwich ELISA, IHC-P (cell pellet)
Reactivity	SARS Coronavirus, SARS Coronavirus 2

References ( 1 )

Package

100 µl, 25 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	1:100-1:1000
ELISA	Assay dependent
Lateral Flow	Assay dependent
Sandwich ELISA	Assay dependent
IHC-P (cell pellet)	Assay dependent

## Note : Capture : GTx635688, Detection : GTx635686 / GTx635689

Please notice that the detection antibodies need to be conjugated to Gold to function when paired with capture antibodies. Please contact us for custom Gold-conjugated antibody.

## Capture : GTx635686 / GTx635685 / GTx635680 / GTx635689, Detection : GTx635688 or Capture : GTx635688, Detection : GTx635689

Please notice that the detected antibody needs to be conjugated to HRP to function when paired with capture antibody. Please contact us for custom HRP-conjugated antibody.

Not tested in other applications.

**Product Note** This antibody detects both SARS-CoV nucleocapsid and SARS-CoV-2 nucleocapsid proteins. Our internal testing indicates no cross-reactivity with MERS-CoV nucleocapsid protein. Gold conjugation version is available upon request. This antibody is able to detect multiple SARS-CoV-2 VOCs, including Omicron variant.

## Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)

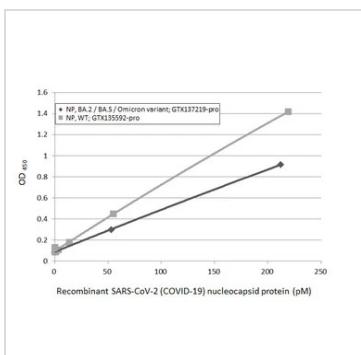


For full product information, images and publications, please visit our [website](#).

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<b>Immunogen</b>	Full length SARS-CoV-2 (COVID-19) nucleocapsid Recombinant protein. (SARS-CoV-2 (strain Wuhan-Hu-1))
<b>Purification</b>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated
<b>Note</b>	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.
<b>Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.</b>	

## DATA IMAGES



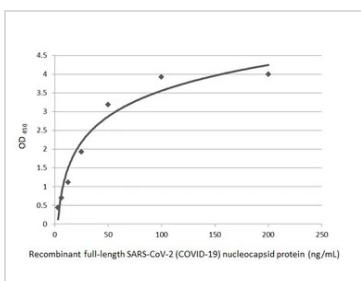
## GTX635688 ELISA Image

Sandwich ELISA detection of recombinant nucleocapsid protein(s) derived from different strains of SARS-CoV-2 virus (ie., Wild type; BA.2 / BA.5 Omicron variant) using antibodies as below.

**Capture:** SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL5410] (GTX635685) (5 µg/mL)

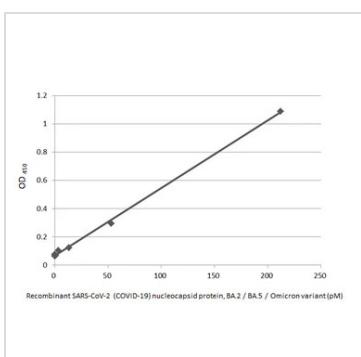
**Detection:** HRP-conjugated SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL455] (GTX635688) (1 µg/mL)

Please notice that GTX635688 needs to be conjugated to HRP to function as the detection antibody when paired with GTX635685. Please contact us for custom HRP-conjugated antibody.



## GTX635688 ELISA Image

Sandwich ELISA detection of recombinant full-length SARS-CoV-2 (COVID-19) nucleocapsid protein, His tag protein (GTX135592-pro) using SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL5410] (GTX635685) as capture antibody at concentration of 5 µg/mL and HRP-conjugated SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL455] (GTX635688) as detection antibody at concentration of 1 µg/mL.



## GTX635688 ELISA Image

Sandwich ELISA detection of recombinant SARS-CoV-2 (COVID-19) Nucleocapsid protein, Omicron / BA.2 / BA.5 variant, His tag (GTX137219-pro) using antibodies as below.

**Capture:** SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL455] (GTX635688) (5 µg/mL)

**Detection:** HRP-conjugated SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL5511] (GTX635689) (1 µg/mL)

Please notice that GTX635689 needs to be conjugated to HRP to function as the detection antibody when paired with GTX635688. Please contact us for custom HRP-conjugated antibody.



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