

SARS-CoV-2 (COVID-19) Nucleocapsid antibody [HL448] (HRP)

Cat. No. GTX635686-01

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, ELISA, Sandwich ELISA
Reactivity	SARS Coronavirus, SARS Coronavirus 2

References (8)

Package

50 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC-P	Assay dependent
ELISA	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture: GTX635685 / GTX635689 / GTX635679, Detection: GTX635686-01

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. 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	0.83 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Full length SARS-CoV-2 (COVID-19) nucleocapsid Recombinant protein. (SARS-CoV-2 (strain Wuhan-Hu-1))
Purification	Affinity purified by Protein A.
Conjugation	Horseradish peroxidase(HRP)



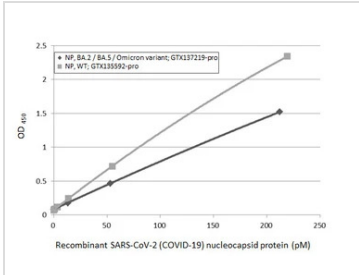
For full product information, images and publications, please visit our [website](#).

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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note
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.

DATA IMAGES

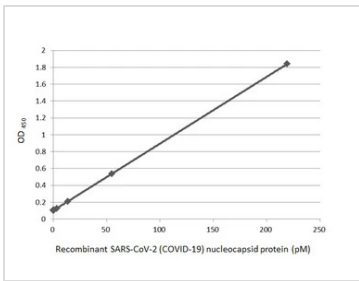


GTX635686-01 ELISA Image

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 [HL5511] (GTX635689) (5 µg/mL)

Detection: SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL448] (HRP) (GTX635686-01) (1 µg/mL)

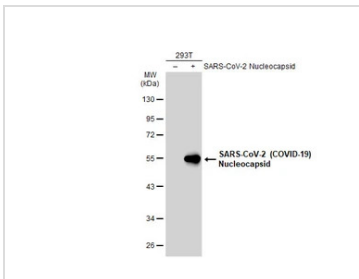


GTX635686-01 ELISA Image

Sandwich ELISA detection of recombinant SARS-CoV-2 Nucleocapsid protein (D63G, R203M, D377Y, R385K), His Tag (delta variant) using antibodies as below.

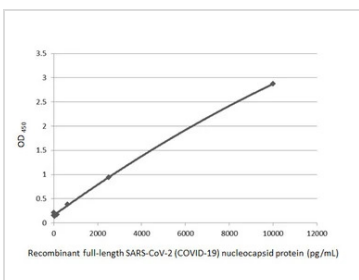
Capture: SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL5511] (GTX635689) (5 µg/mL)

Detection: SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL448] (HRP) (GTX635686-01) (1 µg/mL)



GTX635686-01 WB Image

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL448] (HRP) (GTX635686-01) diluted at 1:5000.



GTX635686-01 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 [HL5511] (GTX635689) as capture antibody at concentration of 5 µg/mL and SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL448] (HRP) (GTX635686-01) as detection antibody at concentration of 1 µg/mL.



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