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 4ºC. For long-term storage, aliquot and store at -20ºC 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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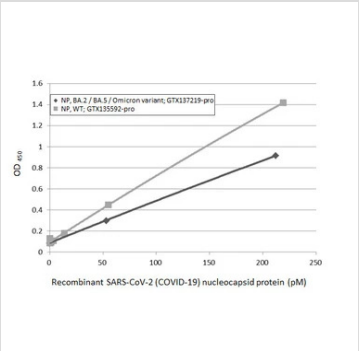
Immunogen	Full length SARS-CoV-2 (COVID-19) nucleocapsid Recombinant protein. (SARS-CoV-2 (strain Wuhan-Hu-1))
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. 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.

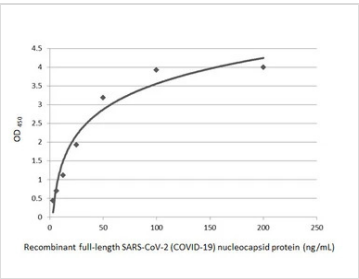
DATA IMAGES



GTX635688 ELISA Image

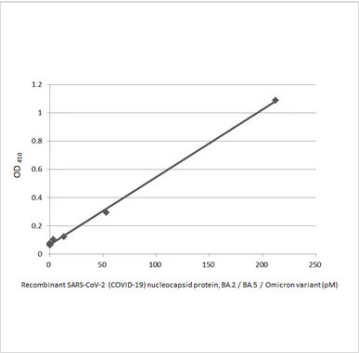
Sandwich ELISA detection of recombinant nucleocapsid protein(s) derived from different strains of SARS-CoV-2 virus (ie., Wild type; BA.2 / BA.5 Omicron variant) using antibodies as below.

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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