

SARS-CoV-2 (COVID-19) Nucleocapsid protein, His tag

Cat. No. GTX135592-pro

| | |
|---------------------|---|
| Applications | WB, ELISA, Lateral Flow, Sandwich ELISA |
| Species | SARS Coronavirus 2 |

References (4)

Package

100 µg

Applications

Application Note

Recommended antibody pairs for sandwich ELISA :

Capture: GTX635685, Detection: GTX635712 / GTX635688 / GTX635678. or Capture: GTX635679 / GTX635689, Detection: GTX635686-01.

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

Recommended antibody pairs for Lateral Flow :

Capture: GTX635688, Detection: GTX635686 / GTX637789

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.

| | |
|----------------------|----------------------------------|
| Calculated MW | 46 kDa. (Note) |
|----------------------|----------------------------------|

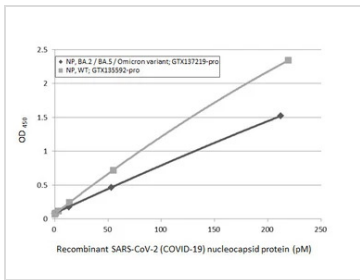
Properties

| | |
|--------------------------|---|
| Form | Liquid |
| Buffer | Tris, 500mM NaCl |
| Preservative | No preservatives |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. For long-term storage after reconstitution, aliquot and store at -70°C or below. Do not vortex. |
| Concentration | 0.2 mg/ml (Please refer to the vial label for the specific concentration.) |
| Region/Sequence | C-terminal His tagged full length protein of YP_009724397.2 |
| Expression System | HEK293 cells |
| Purity | >90% |
| Conjugation | Unconjugated |
| Note | For <i>In vitro</i> laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. |



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DATA IMAGES

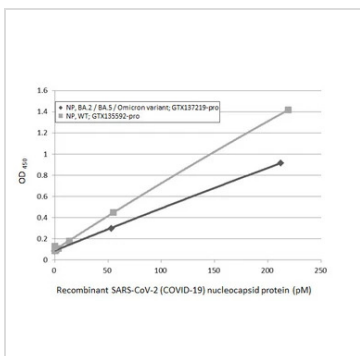


GTX135592-pro ELISA Image

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 [HL511] (GTX635689) (5 µg/mL)

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



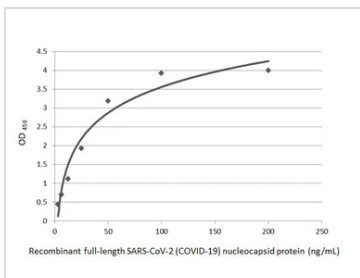
GTX135592-pro ELISA Image

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)

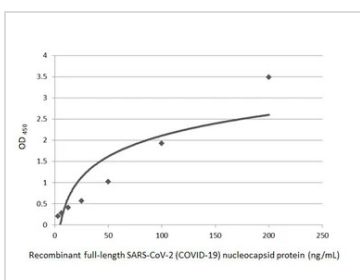
Detection: HRP-conjugated SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL455] (GTX635688) (1 µg/mL)

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.



GTX135592-pro 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.



GTX135592-pro 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 [HL249] (GTX635678) as detection antibody at concentration of 1 µg/mL.



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