

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

Cat. No. GTX135357-pro**Applications** ELISA, Sandwich ELISA**Species** SARS Coronavirus 2**References** (2)**Package**

500 µg, 100 µg

Applications

Application Note

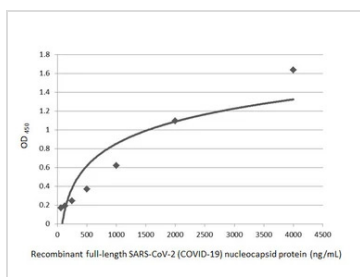
Recommended antibody pairs for sandwich ELISA:

Capture: GTX635689, Detection: GTX635686-01 or Capture: GTX135357 / GTX135361, Detection: GTX632269.

Properties

Form Liquid**Buffer** PBS**Preservative** No preservative**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** N-terminal His tagged full length protein of YP_009724397.2**Expression System** E. coli**Purity** >90%**Conjugation** Unconjugated**Note** For *In vitro* laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

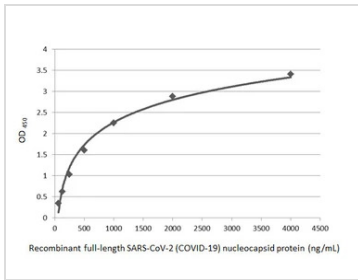
DATA IMAGES

**GTX135357-pro ELISA Image**

Sandwich ELISA detection of recombinant full-length SARS-CoV-2 (COVID-19) nucleocapsid protein (GTX135357-pro) using GTX135357 as capture antibody at concentration of 5 µg/mL and GTX632269 as detection antibody at concentration of 1 µg/mL. Mouse IgG antibody (HRP) (GTX213111-01) was diluted at 1:10000 and used to detect the primary antibody.

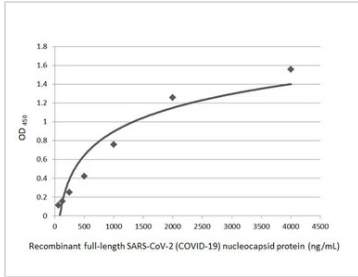


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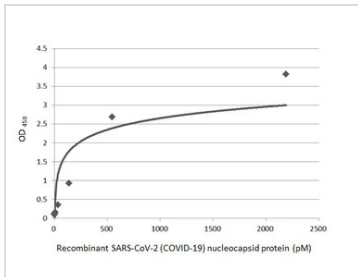
GTX135357-pro ELISA Image

Indirect ELISA analysis was performed by coating plate with 50 μ L of recombinant full-length SARS-CoV-2 (COVID-19) nucleocapsid protein (GTX135357-pro) at concentrations ranging from 0.0625 μ g/mL to 4 μ g/mL. The coated protein is detected with SARS-CoV-2 (COVID-19) nucleocapsid antibody (GTX135357) at 1 μ g/mL. Rabbit IgG antibody (HRP) (GTX213110-01) was diluted at 1:10000 and used to detect the primary antibody.



GTX135357-pro ELISA Image

Sandwich ELISA detection of recombinant full-length SARS-CoV-2 (COVID-19) nucleocapsid protein (GTX135357-pro) using GTX135361 as capture antibody at concentration of 5 μ g/mL and GTX632269 as detection antibody at concentration of 1 μ g/mL. Mouse IgG antibody (HRP) (GTX213111-01) was diluted at 1:10000 and used to detect the primary antibody.

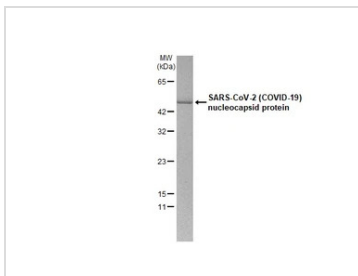


GTX135357-pro ELISA Image

Sandwich ELISA detection of recombinant SARS-CoV-2 (COVID-19) nucleocapsid protein, His tag (GTX135357-pro) using antibodies as below.

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

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



GTX135357-pro Image

3 μ g of GTX135357-pro His tag-tagged SARS-CoV-2 (COVID-19) nucleocapsid protein analyzed using SDS-PAGE and stained with coomassie blue and captured by monochrome camera.



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