
**Human Anti-SARS CoV-2 Nucleocapsid Protein (N12.8) (HRP) Recombinant
Antibody**

No. :KF-ab0066

- Expression Host:** Nicotiana benthamiana plants
- Clonality:** Monoclonal, recombinant
- Species and Isotype:** Human IgG1
- Description:** Recombinant human monoclonal antibody against SARS-CoV-2 Nucleocapsid protein, fused at the genetic level to HRP reporter enzyme. This protein was produced via Agrobacterium tumefaciens infiltration of Nicotiana benthamiana plants.
- Verified Applications:** Western blot, ELISA
- Dilution Range:** Western blot (1: 500 - 1: 1 000) ELISA (1: 1 000 - 1: 15 000)
- Tested Species Reactivity :** Human
- Concentration :** 1 mg/ml
- Form :** Liquid
- Storage:** Short-term (up to one week): 2 - 8 ° C
Long term: Aliquot and store at - 20 ° C
Store immediately. Aliquot and avoid multiple freeze-thaw cycles.
- Storage Buffer:** 0.1 M Phosphate Buffered Saline, pH 7.4.Preservative: 50% Glycerol
- Purification Notes:** This product was purified using Protein A- affinity chromatography.
- Purity:** \geq 90 % as determined by SDS-PAGE
94.20% as determined by Mass Spectrometry.

General Notes: For Research Use only, unless otherwise indicated.

Image:

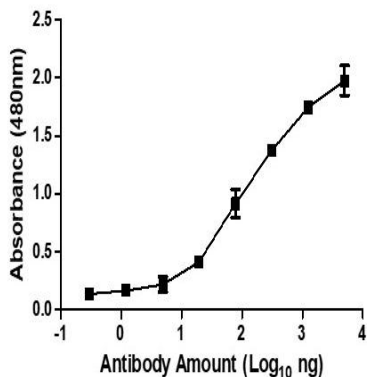


Figure 1. ELISA Dose Response curve showing Human Anti-N (N12.8) (HRP) Antibody used from 0,003 – 50 ng/uL to detect 50 ng SARS-CoV-2 Nucleocapsid protein. Experiments were performed in triplicate, with error bars representing standard deviation (SD).

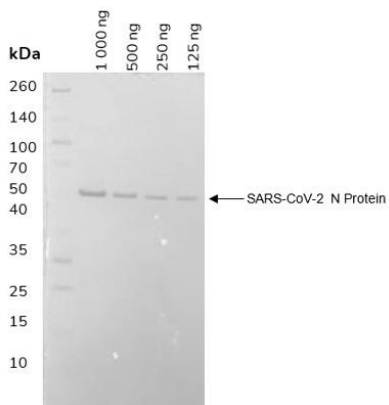


Figure 2. Western blot showing decreasing amounts of SARS-CoV-2 Nucleocapsid protein (46 kDa) detected with Human Anti-N (N12.8) (HRP) Antibody at 1:1000.