Anti-SARS-CoV-2 Nucleocapsid Protein Antibody (HRP) [K06251_6G1]

Catalog No. K06251M06G01H

Overview

Product name: Anti-SARS-CoV-2 Nucleocapsid Protein Antibody (HRP) [K06251_6G1]
Antibody specificity: SARS-CoV-2 Nucleocapsid Protein
Species reactivity: SARS-CoV-2
Clonality: Monoclonal
Clone number: K06251_6G1
Host / isotype: Mouse / IgG1
Immunogen: Recombinant SARS-CoV-2 nucleocapsid protein
Cross reactivity: Not tested
Form: Liquid
Concentration: 1 mg/mL in phosphate buffered saline containing 0.01% preservative
Conjugation: Conjugated with peroxidase

Shipping, storage and shelf life

Shipped at ambient temperature. Avoid repeated freeze-thaw cycles.
Upon receipt,
* 3 months when stored at 2 to 8 °C
* 1 year when aliquoted and stored at -20 °C
* 3 years when aliquoted and stored at -80 °C

Applications

Recommended concentration | Note
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**Sandwich ELISA** | 1 µg/mL
Peroxidase conjugated K06251_6G1 can pair with K06251_2G5 for sandwich ELISA. K06251_2G5 is used as the capture antibody.

Note:
* The applications above have already been verified. The antibody may be suitable for additional applications.
* Optimal antibody concentrations for each application should be determined by the user.

Additional information

Target antigen
Protein name: Nucleoprotein
Gene name: N
UniProt Accession: P0DTC9
Organism: Severe acute respiratory syndrome coronavirus 2 (2019-nCoV) (SARS-CoV-2)

Paired antibody information
K06251_6G1 may pair with K06251_2F4 and K06251_2G5 for sandwich based immune assays.

Product data

**Sandwich ELISA**

Microtiter wells were coated with K06251_2G5 at 3 µg/mL as the capture antibody. Nucleocapsid protein was used as the antigen. Peroxidase conjugated mouse anti-SARS-CoV-2 nucleocapsid protein monoclonal antibody (K06251_6G1) was used as the detection antibody.

Result: K06251_6G1 and K06251_2G5 can be used as a matched antibody pair to detect and quantify the concentration of nucleocapsid protein.