Anti-SARS-CoV-2 Nucleocapsid Protein Antibody (HRP) [K06251_15F9]

Catalog No. K06251M15F09H

Overview

Product name: Anti-SARS-CoV-2 Nucleocapsid Protein Antibody (HRP) [K06251_15F9]

Antibody specificity: SARS-CoV-2 Nucleocapsid Protein

Species reactivity: SARS-CoV-2

Clonality: Monoclonal

Clone number: K06251_15F9

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

<table>
<thead>
<tr>
<th>Applications</th>
<th>Recommended concentration</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sandwich ELISA</td>
<td>1 µg/mL</td>
<td>Peroxidase conjugated K06251_15F9 can pair with K06251_8H9 for sandwich ELISA. K06251_8H9 is used as the capture antibody.</td>
</tr>
</tbody>
</table>

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: P0DT9
- Organism: Severe acute respiratory syndrome coronavirus 2 (2019-nCoV)(SARS-CoV-2)

Paired antibody information

- K06251_15F9 may pair with K06251_2G5, K06251_4A2, K06251_4D2, K06251_8H9 and K06251_16E3 for sandwich based immune assays.

Product data

Sandwich ELISA

- Microtiter wells were coated with K06251_8H9 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_15F9) was used as the detection antibody.
- Result: K06251_15F9 and K06251_8H9 can be used as a matched antibody pair to detect and quantify the concentration of nucleocapsid protein.