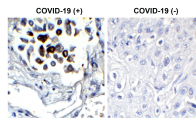


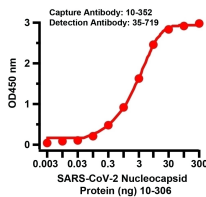


# SARS-CoV-2 (COVID-19) Nucleocapsid Antibody [3865]

Cat. No.: 35-719

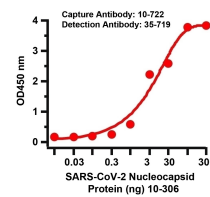


**Figure 1 Sandwich ELISA for SARS-CoV-2 (COVID-19) Matched Pair Nucleocapsid Antibodies**  
Antibodies: SARS-CoV-2 (COVID-19) Nucleocapsid Antibodies, 10-352 and 35-719. A sandwich ELISA was performed using SARS-CoV-2 Nucleocapsid antibody



**Figure 2 Sandwich ELISA for SARS-CoV-2 (COVID-19) Matched Pair Nucleocapsid Antibodies**

Antibodies: SARS-CoV-2 (COVID-19) Nucleocapsid Antibodies, 10-352 and 35-719. A sandwich ELISA was performed using SARS-CoV-2 Nucleocapsid antibody (10-352, 5ug/ml) as capture antibody, the Nucleocapsid recombinant protein as the binding protein (10-306), and the anti-SARS-CoV-2 Nucleocapsid antibody (35-719, 1ug/ml) as the detection antibody. Secondary: Goat anti-mouse IgG HRP conjugate at 1:20000 dilution. Detection range is from 0.03 ng to 300 ng. EC50 = 2.5 ng



**Figure 3 Sandwich ELISA for SARS-CoV-2 (COVID-19) Matched Pair Nucleocapsid Antibodies**

Antibodies: SARS-CoV-2 (COVID-19) Nucleocapsid Antibodies, 10-722 and 35-719. A sandwich ELISA was performed using SARS-CoV-2 Nucleocapsid antibody (10-722, 2ug/ml) as capture antibody, the Nucleocapsid recombinant protein as the binding protein (10-306), and the anti-SARS-CoV-2 Nucleocapsid antibody (35-719, 0.5ug/ml) as the detection antibody. Secondary: Goat anti-mouse IgG HRP conjugate at 1:20000 dilution. Detection range is from 0.03 ng to 300 ng. EC50 = 15.82 ng

## Ψ Specifications

<b>HOST SPECIES:</b>	Mouse
<b>SPECIES REACTIVITY:</b>	Virus
<b>IMMUNOGEN:</b>	These newer COVID-19 nucleoprotein Mabs were developed using a recombinant, full-length nucleoprotein and then confirmed that they are reactive with the native virus itself.
<b>TESTED APPLICATIONS:</b>	ELISA, IF

<b>APPLICATIONS:</b>	Suggested starting ranges are 1:10-1:50 for IFA and 1:20-1:200 for ELISA. BEST ELISA pairs (capture-conjugate): clones 3865-3866 / 3865-3867 / 3865-3868
<b>SPECIFICITY:</b>	Specific for the nucleocapsid of Covid-19 virus. Cross reacts with SARS. These antibodies are non-reactive with: Influenza A, Influenza B, Adenovirus and MERS.

## Ψ Properties

<b>PURIFICATION:</b>	Coronavirus Nucleocapsid Antibody is purified from ascites fluid or culture medium by protein A chromatography or sequential differential precipitations.
<b>CLONALITY:</b>	Monoclonal
<b>ISOTYPE:</b>	Mouse IgG1
<b>CONJUGATE:</b>	Unconjugated
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	Coronavirus Nucleocapsid Antibody is in a phosphate saline buffer (0.01M, pH 7.2) containing 0.1% sodium azide preservative. No stabilizing proteins have been added.
<b>CONCENTRATION:</b>	100 ug/ml
<b>STORAGE CONDITIONS:</b>	Coronavirus Nucleocapsid Antibody can be stored at -20 °C, stable for one year.

## Ψ Additional Info

<b>ALTERNATE NAMES:</b>	Coronavirus Nucleocapsid, SARS
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.

### ANTIBODIES FOR RESEARCH USE ONLY.

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