

# Bioassayplus Inc.

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## Product Specification Sheet

<b>Important Note:</b>	Centrifuge before opening to ensure complete recovery of vial contents.
<b>Product name:</b>	Paired monoclonal antibodies to Covid 19 nucleoprotein.
<b>Catalog #:</b>	2-Mab-Covid-NP
<b>Description:</b>	Covid-19 (coronavirus) also known as: SARS-CoV-2, 2019 Novel Coronavirus or Wuhan Coronavirus monoclonal antibody, Covid- Anti-covid NP 3866 (Conjugate) and Anti-covid NP 3865 (Coating) specifically targets to SARS-CoV2 nucleoprotein, they are paired to prepare Covid 19 antigen rapid test to detect Covid 19 antigen, so far this paired antibodies can detect 180pg/ml recombinant SARS-CoV2 nucleoprotein and Lowest detection (LoD) of TCID <sub>50</sub> /ml for USA-WA1/2020 (NR-52286) is $1.6 \times 10^3$ , this number is comparable to some Covid antigen rapid tests approved by FDA and CE. But each laboratory should develop their own protocol based on their experience and expertise.
<b>Source:</b>	mouse
<b>Subtype:</b>	Unidentified
<b>Format:</b>	Purified, Liquid
<b>Purification:</b>	purified by protein A affinity column
<b>Concentration:</b>	Conjugate 3866: 3.1mg/ml Coating 3865: 3.0mg/ml
<b>Buffer:</b>	Phosphate buffered saline pH 7.4
<b>Preservative:</b>	0.05% Sodium azide
<b>Applications:</b>	Lateral flow rapid test
<b>Storage:</b>	4°C for 2 weeks, -20°C for 2 years, avoid multiple thaw and freezing