SARS-CoV-2 Nucleoprotein

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Catalog: #2501

Store at: 2-8ºC

For Research Use Only. Not For Use In Diagnostic Procedures.

Applications	Detection	Clonality	Isotype
ELISA	Anti-SARS-CoV-2 NP mAb	SARS-CoV-2	SARS-CoV-2

Format: His tag

Cross Reactivity: N/A

Formulation: 1X PBS, 0.02% NaN3

Preparation: His tag purification

Reactivity: Other

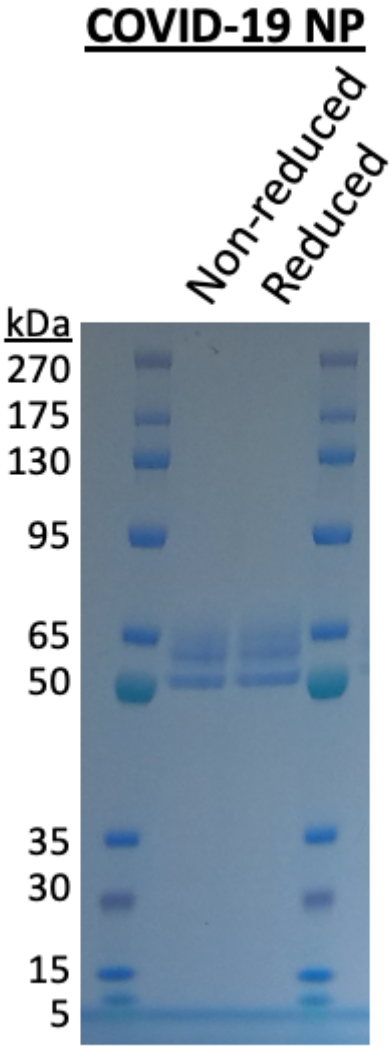
Recommended Usage: Control antigen for SARS-CoV-2 (COVID-19) diagnostic assays. Contains C-terminal His tag used for purification.

Immunogen: N/A

Description: Expressed in and purified from HEK-293 cells, SARS-CoV-2 (COVID-19) nucleoprotein (NP) is used as control antigen for diagnostic assays using Abwiz antibody clones 75G5a (Abwiz Cat. #2481), 84C4a (Abwiz Cat. #2486), 84D7 (Abwiz Cat. #2491), and 85C1 (Abwiz Cat. #2496) including in biotinylated format. These antibodies can be paired in sandwich detection assay and used to detect NP antigen from SARS-CoV-2 with high sensitivity (to 2.5pg) and high specificity.

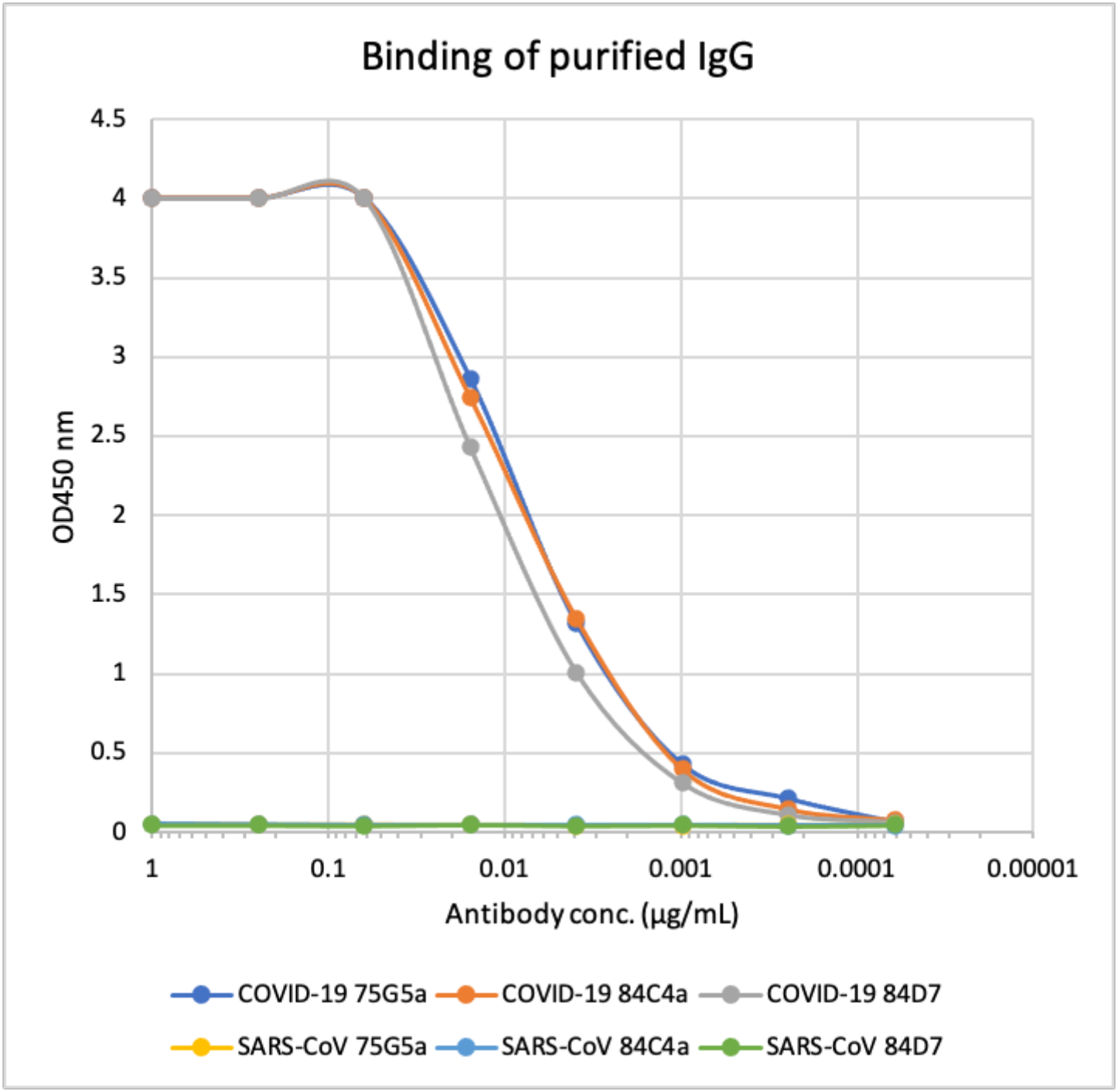
References:

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SDS-PAGE gel shows high purity for SARS-CoV-2 nucleoprotein.

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Microtiter wells were coated with SARS-CoV-2 (COVID-19) Nucleocapsid Protein (NP, Cat#2501) and SARS-CoV NP at 1 ug/mL. Purified rabbit monoclonal antibodies 75G5a (Cat# 2481), 84C4a (Cat# 2486), and 84D7 (Cat# 2491) were serially diluted 1:2 starting at 1 ug/mL. Rabbit monoclonal antibodies 75G5a, 84C4a, and 84D7 show very strong and specific binding to COVID-19 NP antigen, with no significant cross-reactivity to SARS-CoV NP antigen.

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