

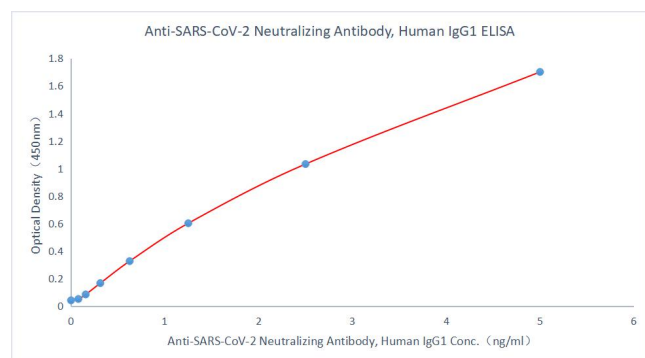
SARS-COV-2 Neutralizing Antibody

Catalog No.	A19215	Category	Primary antibody
Description	SARS-COV-2 Neutralizing Antibody is isolated from a SARS-CoV-2 infected patient and is recombinantly produced from human 293 cells (HEK293). This antibody recognizes the SARS-CoV-2 Spike Protein RBD domain and inhibits the interaction between SARS-CoV-2 RBD and ACE2 with an IC ₅₀ of 0.496 μ g/mL using SARS-CoV-2 Inhibitor Screening Kit (Cat. No. RK04149).		

Product information

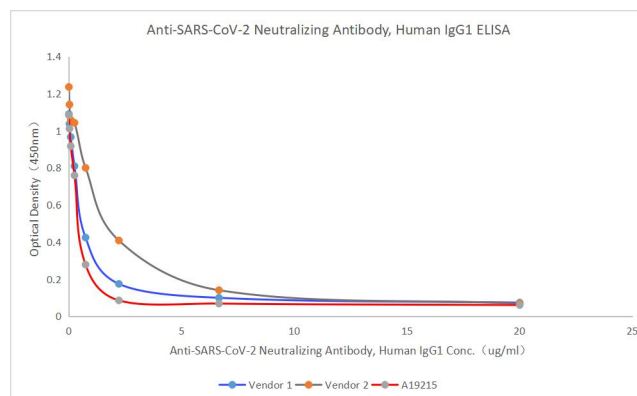
Source	Human	Affinity purification by	Protein A
Isotype	Human IgG1	Concentration	1 mg/mL
Purity	>95% by SDS-PAGE.		
Endotoxin	< 0.1 EU/ μ g of the protein by LAL method.		
Formulation	Lyophilized from a 0.22 μ m filtered solution of PBS, pH 7.2, with 10% Trehalose.		
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. Avoid repeated freeze/thaw cycles.		

Binding Activity



Immobilized SARS-CoV-2 S1 protein, His Tag (Cat. No. RP01262) at 1 μ g/mL (100 μ L/well) can bind Anti-SARS-CoV-2 Neutralizing Antibody, Human IgG1 (Cat. No. A19215) with a linear range of 0.078-5 ng/mL

Inhibition Activity



Serial dilutions of Anti-SARS-CoV-2 Neutralizing Antibody, Human IgG1 (Cat.No. A19215) was detected by SARS-CoV-2 Inhibitor screening Kit (Cat.No. RK04149) with a half maximal inhibitory concentration (IC₅₀) of 0.496ug/mL.

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