SARS-CoV-2

COVID-19 Viral Antigen S ELISA Kit

Catalog # KA6066 Size 1 Kit

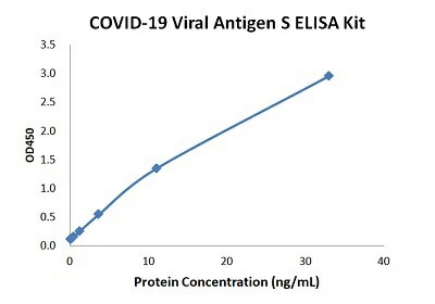
Applications

	Analyte (100 uL/well)	COVID-19 Detecting Antibody
COVID-19 Pseudovirus (Dilution Fold)	5	3.605
	10	3.713
	20	3.689
	40	3.614
	80	2.828
	160	1.715
	320	0.926

	Analyte (ng/mL)	COVID-19 Detecting Antibody
COVID-19 VLP	10000	3.373
	3300	2.422
	1100	1.154
	360	0.612
COVID-19 Spike Protein	100	3.403

Quantification

Quantification data of COVID-19 Pseudovirus and VLP with COVID-19 Viral Antigen S ELISA Kit (Cat # KA6066).



The standard curve is created by active spike proteins, which is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	COVID-19 Viral Antigen S ELISA Kit is a sandwich enzyme-linked immunosorbent assay for the quantitative measurement of COVID-19 viral spike antigen.

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Supplied Product	Kit content: 1. 96-Well COVID-19 Spike Antibody Coated Microplate 2. COVID-19 Detecting Antibody (Biotin) 3. Streptavidin (HRP) 4. COVID-19 Spike Protein Standard 5. 10x PBST 6. TMB Reagent 7. Stop Solution
Suitable Sample	Serum, Plasma, and Culture Supernatant. Post Extraction Nasopharyngeal and Nasal Specimens.
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	0.045 to 33 ng/mL
Reactivity	Viruses
Regulatory Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is created by active spike proteins, which is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store 96-Well COVID-19 Spike Antibody Coated Microplate and TMB Reagent at 2-8°C. Store 10x PBST and Stop Solution at room temperature. Store COVID-19 Detecting Antibody (Biotin), Streptavidin (HRP) and COVID-19 Spike Protein Standard at -20°C. Avoid repeated freezing and thawing.

Applications

- Quantification

  Quantification data of COVID-19 Pseudovirus and VLP with COVID-19 Viral Antigen S ELISA Kit (Cat # KA6066).

Publication Reference

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- Engineered bacteria as an orally administered anti-viral treatment and immunization system.

  Nitin S. Kamble, Shindu Thomas, Tushar Madaan, Nadia Ehsani, Saqib Sange, Kiersten Tucker, Alexis Muhumure, Sarah Kunkler & Nalinikanth Kotagiri.

  Gut Microbes 2025 May; 17(1).

  Application: Control, Mouse, Mouse vein

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