



SARS-CoV-2 (2019-nCoV) Spike Protein ELISA Kit

Cat. No.: VCok-Wyb001

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

The ready-to-use detection kit SARS-CoV-2 (2019-nCoV) Spike ELISA Kit is an enzyme-linked immunosorbent assay for the quantitative measurement of SARS-CoV-2 spike protein.

SPECIFICATIONS

Target	SARS-CoV-2
Specificity	Recognizes both natural and recombinant SARS-CoV-2 spike/S protein.
Contents	96 well microplate coated with capture antibody; HRP-conjugated detection antibody; Standards; Wash buffer concentrate; Dilution buffer concentrate; Color reagent A; Color reagent B; Stop solution.
Testing	SARS-CoV-2 Spike
Testing Principle	Quantitative solid phase sandwich ELISA.
Conjugate	HRP
Linear Range	pg/mL
Sensitivity	pg/mL
Applications	Quantitative measurement of SARS-CoV-2 (2019-nCoV) spike/S protein.
Storage	Store at 2 - 8°C
Introduction	The 2019 novel coronavirus, or "SARS-CoV-2", was discovered because of Wuhan virus

pneumonia cases in 2019, and was named by the World Health Organization on January 12, 2020. It belongs to the beta genera of the Coronaviridae family, together with SARS coronavirus in 2003 and MERS coronavirus in 2012. The alignment between SARS-CoV-2 and 2003 SARS CoV has about 70% sequence similarity and 40% sequence similarity with MERS CoV. The coronavirus genome encodes a spike protein, an envelope protein, a membrane protein, and a nucleoprotein. Among them, spike protein is the most important surface membrane protein of coronavirus.

Alternative Names	2019 novel coronavirus; SARS-CoV-2; Coronaviridae
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