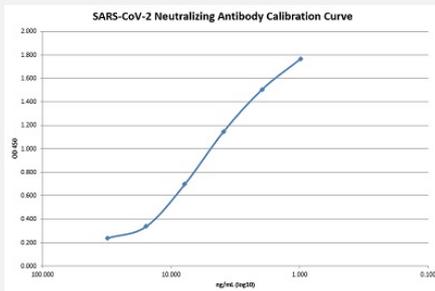


SARS-CoV-2

COVID-19 Neutralizing Antibody ELISA Kit

Catalog # KA6111 Size 1 Kit

Applications



The standard curve 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 Neutralizing Antibody ELISA Kit is an indirect enzyme-linked immunoassay (ELISA) for semi-quantitative determination of COVID-19 neutralizing antibody.

Supplied Product

Kit content:

1. Capture Plate
2. Spike RBD Tag Fusion Protein
3. SARS-CoV-2 Neutralizing Antibody Calibrator
4. Positive Control
5. Negative Control
6. HRP Anti-Tag Antibody
7. Blocking Buffer Concentrate (10X)
8. Assay Diluent Concentrate (10X)
9. Wash Buffer Concentrate (10X)
10. TMB Solution
11. Stop Solution
12. Plate Sealer

Suitable Sample

Human Serum

Sample Volume

30 μL

Detection Method

Colorimetric

Assay Type

Semi-quantitative

Regulatory Status	For research use only (RUO)
Quality Control Testing	Standard curve calibration The standard curve 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 at -20°C: SARS-CoV-2 Neutralizing Antibody Calibrator Positive Control Negative Control HRP Anti-Tag Antibody Blocking Buffer Concentrate (10X) Assay Diluent Concentrate (10X) Store at room temperature: Wash Buffer Concentrate (10X) Stop Solution Plate Sealer Store at 2-8°C: Capture Plate Spike RBD Tag Fusion Protein TMB Solution

Applications

- Semi-Quantification

Publication Reference

- [Safety and Immunogenicity of a Recombinant Receptor Binding Domain-Based Protein Subunit Vaccine \(Noora Vaccine™\) Against COVID-19 in Adults: A Randomized, Double-Blind, Placebo-Controlled, Phase 1 Trial.](#)

Jafar Salimian, Ali Ahmadi, Jafar Amani, Gholamreza Olad, Raheleh Halabian, Ali Saffaei, Masoud Arabfard, Mojtaba Nasiri, Shahram Nazarian, Hassan Abolghasemi, Gholam Hossein Alishiri.

Journal of Medical Virology 2023 Feb; 95(2):10.1002/jm.

Application: Neutralization, Human, Human serum

- [Preclinical study of formulated recombinant nucleocapsid protein, the receptor binding domain of the spike protein, and truncated spike \(S1\) protein as vaccine candidates against COVID-19 in animal models.](#)

Shahram Nazarian, Gholamreza Olad, Raziye Abdolhamidi, Mohammad Javad Motamedi, Rouhollah Kazemi, Emad Kordbacheh, Alireza Felagari, Hanieh Olad, Ali Ahmadi, Alireza Bahirae, Parisa Farahani, Leila Haghighi, Faezeh Hassani, Vahideh Hajhassan, Mona Nadi, Abdolkarim Sheikhi, Jafar Salimian, Jafar Amani.

Molecular Immunology 2022 Sep; 149:107.

Application: ELISA, Human, Vero cells