

ARG82809 Human SARS-CoV-2 IgG antibody ELISA Kit

Package: 96 wells

Store at: 4°C

Summary

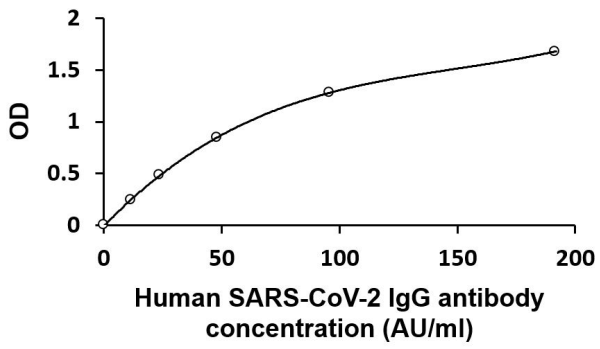
Product Description	ARG82809 Human SARS-CoV-2 IgG antibody ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human's SARS-CoV-2 IgG antibody in serum (venous, capillary) and plasma (EDTA, heparin, citrate) (1:101 diluted).
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	Cross-Reactivity: 65 samples with antibody activities to potentially cross reacting parameters (including antibodies to several members of the Coronaviridae family) were tested to evaluate the cross reactivity of the assay. Cross reactions with antibodies to Haemophilus influenzae cannot be excluded. Cross reactivity with other human coronaviruses should be considered for result interpretation.
Target Name	Human SARS-CoV-2 IgG
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	Limit of Blank: 2.4 AU/ml Limit of Detection: 3.6 AU/ml Limit of Quantitation: 12.3 AU/ml
Sample Type	Serum (venous, capillary) and plasma (EDTA, heparin, citrate) (1:101 diluted).
Standard Range	43 - 666 IU/ml (12 - 192 AU/ml in figure)
Sample Volume	100 µl
Precision	Intra-Assay CV: 5.3% Inter-Assay CV: 9.9%

Application Instructions

Assay Time	~ 1.5 hours
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Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.



ARG82809 Human SARS-CoV-2 IgG antibody ELISA Kit standard curve image

ARG82809 Human SARS-CoV-2 IgG antibody ELISA Kit results of a typical standard run with optical density reading at 450 nm.