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Datasheet for ABIN6992290

SARS-CoV-2 Spike Protein (B.1.617.1 - kappa, RBD) (His tag)

Overview

Quantity:	100 µg
Target:	SARS-CoV-2 Spike
Protein Characteristics:	B.1.617.1 - kappa, RBD
Origin:	SARS Coronavirus-2 (SARS-CoV-2), SARS CoV-2 Kappa
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SARS-CoV-2 Spike protein is labelled with His tag.
Application:	ELISA, Ligand Binding Assay (LBA)

Product Details

Purpose:	That is the full RBD domain of the SPIKE surface protein SARS-CoV-2 of the mutant strain B.1.617, also commonly known as the "India mutant".
Specificity:	Mutation that differ from "original" SPIKE protein: AA 319-537, L452R, E484Q, C-terminal His-tag
Characteristics:	"SARS CoV-2 Spike B.1.617 Mutation RBD domain" All viruses undergo fast mutations and adept quickly to the countermeasures that the immune systems creates against them. SARS-CoV-2 of the COVID-19 pandemic is no exception here. During the pandemic multiple mutant strains arose. To help the science combat these mutants we offer the RB-Domains of these mutant SPIKE proteins.
Purification:	affinity chromatography
Purity:	> 98 % as determined by SDS-PAGE

Target Details

Target:	SARS-CoV-2 Spike
Alternative Name:	SARS2 Spike glycoprotein (SARS-CoV-2 Spike Products)
Target Type:	Viral Protein
Molecular Weight:	25506 Da
UniProt:	P0DTC2

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	20 mM HEPES pH 7.5, 150 mM NaCl
Storage:	-80 °C
Storage Comment:	Store at -80°C. Avoid freeze-thaw cycles