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Product Datasheet

**SARS-CoV-2 (COVID-19) Spike S1 protein, His tag (active), Unconjugated
GTX01554-PRO**

Article Name	SARS-CoV-2 (COVID-19) Spike S1 protein, His tag (active), Unconjugated
Biozol Catalog Number	GTX01554-PRO
Supplier Catalog Number	GTX01554-pro
Alternative Catalog Number	GTX01554-PRO-100
Manufacturer	GeneTex
Category	Proteine/Peptide
Application	ELISA, FA
Species Reactivity	Virus
Conjugation	Unconjugated
NCBI	43740568
Buffer	Reconstitute with distilled water to 0.1-0.5mg/ml. Lyophilized from 0.22µm-filtered PBS (pH7.4), no preservatives.
Expression System	HEK293 cells
Form	Lyophilized powder
Sequence	Val16-Arg685 of SARS-CoV-2 (COVID-19) Spike S1 protein (Accession YP_009724390.1) fused with a 6*His tag at the C-terminus.
Application Notes	Activity was measured by its binding ability in a functional ELISA. Immobilized Recombinant Human ACE2 at 2 µg/ml (100 µl/well) can bind Recombinant nCoV-S1. The EC50 of SARS-CoV-2 (COVID-19) Spike S1 protein is 0.25-0.45 µg/ml.