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Product Datasheet

SARS-CoV-2 (COVID-19) Spike RBD protein, His tag (active), Unconjugated GTX01546-PRO

Article Name	SARS-CoV-2 (COVID-19) Spike RBD protein, His tag (active), Unconjugated
Biozol Catalog Number	GTX01546-PRO
Supplier Catalog Number	GTX01546-pro
Alternative Catalog Number	GTX01546-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 preservative.
Expression System	HEK293 cells
Form	Lyophilized powder
Sequence	Arg319-Phe541 of SARS-CoV-2 (COVID-19) Spike RBD 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 SARS-CoV-2 (COVID-19) Spike RBD protein at 2 $\mu\text{g/mL}$ (100 $\mu\text{L/well}$) can bind Recombinant Human ACE2 with a linear range of 8-80 ng/mL .