

2019-nCoV Spike protein RBD (K417T, E484K, N501Y)

Catalog No: C19SD-G231AH

A variant of SARS-CoV-2 carrying K417T, E484K, and N501Y mutations in the RBD was detected in Manaus, Amazonas state Brazil. This variant descends from an earlier Brazilian variant (B.1.1.28) with an increase in transmissibility or propensity for re-infections. E484K and N501Y mutations are of particular concern since they potentially reduce antibody neutralization and increase affinity for ACE2 receptor. SignalChem's Recombinant 2019-nCoV Spike protein S1 subunit, RBD (K417T, E484K, N501Y) (319-541) was expressed in CHO cells using a C-terminal his tag.

Unique Selling Points



Biologically active protein



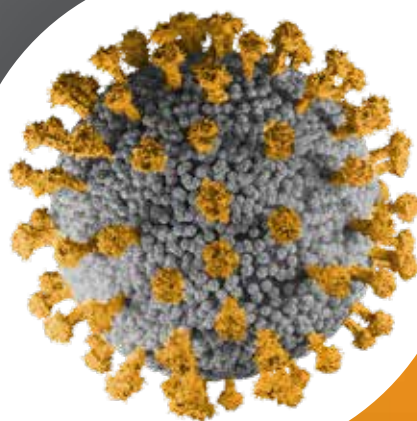
Purity approx. 90%



High binding to hACE2



QA/QC tested



Competitors



Applications



COVID19 ELISAs



Recombinant antibody
production



Diagnostic kits R&D



Western blot



COVID19
Protein Arrays