SIGNALCHEM BIOTECH

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2019-nCoV Spike protein RBD (K417N)

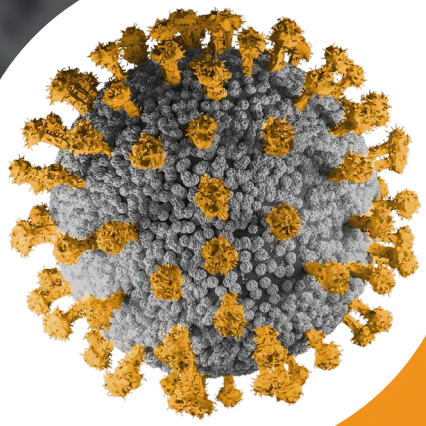
Catalog No: C19SD-G236H

The K417N mutation has arisen independently in several viral lineages (at least twice in delta). It was observed on the 27 March 2020 in a strain found in Qatar. K417N is generally present in the beta variant (1.351). As new variants displace the first-wave virus, it is pivotal to evaluate their transmissibility, virulence and their possible tendency to escape antibody neutralization.

- Expressed in CHO cells using a C-terminal his tag.
- In addition to antigenic effect, K417N alters binding affinity to ACE-2 protein.
- K417N mutation in the RBD region of spike protein has been identified in B.1.351 lineages.

Product Features

- Fully Functional Protein
- Activity determined by Elisa Kit
- Expressed in CHO cells
- QA/QC Tested



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Applications

- Covid19 ELISAs
- Western blot
- Recombinant antibody production
- Diagnostic kits R&D