SIGNALCHEM BIOTECH

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2019-nCoV Spike protein S1 (Δ69-70)

Catalog No: C19S1-G234H

Novel coronavirus SARS-CoV-2 has caused the pandemic of the respiratory diseases (COVID-19) around the world since 2020. As new variants displace the first-wave virus, it is pivotal to evaluate their transmissibility, virulence and their possible tendency to escape antibody neutralization.

- SARS-CoV-2 variant carrying Δ69-70 has been detected in human cases in Denmark and UK.
- Mutation Δ69-70 has been associated with increased viral infectivity.
- The spike glycoprotein (S) of coronavirus, a type I transmembrane protein containing two subunits, S1 and S2 is known to bind with host cells through the interaction with angiotensin-converting enzyme 2 (ACE2) and facilitate viral entry into the host cell.

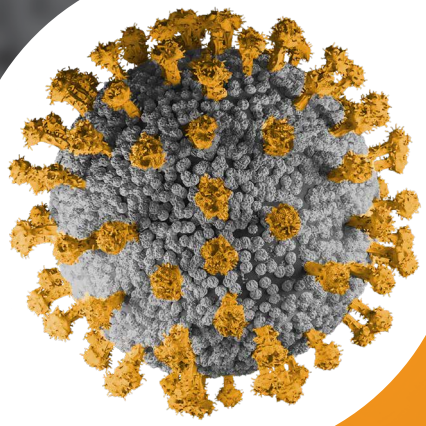
Product Features

Fully Functional Protein

Activity determined by Elisa Kit

Strong human ACE2 binding

90% purity determined by densitometry



Competitors

GenScript
Make Research Easy

Applications

Covid19 ELISAs

Western blot

Recombinant antibody production

Diagnostic kits R&D