

2019-nCoV Spike protein S1 (D614G)

Catalog No: C19S1-G231H

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). Recently, a variant of SARS-CoV-2 carrying D614G mutation in the Spike protein has become the most prevalent form in the global pandemic. This G614 variant of Spike protein has been associated experimentally with higher infectivity and clinically with higher viral loads in infected individuals. SignalChem's Recombinant 2019-nCoV Spike protein S1 (D614G) (16-685) was expressed in CHO cells using a C-terminal His-tag.

Unique Selling Points



Biologically active protein



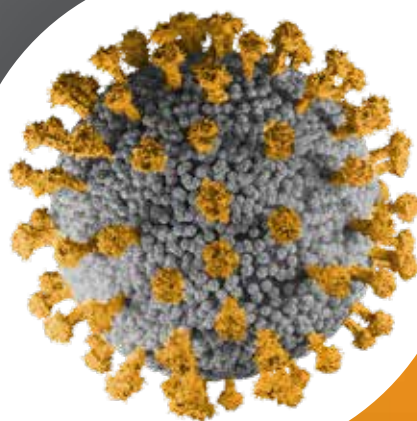
Tested for anti-2019 nCoV antibody binding



Tested for hACE2 binding



Suitable for COVID19 research



Competitors



Applications



COVID19 ELISAs



Recombinant antibody production



Diagnostic kits R&D



Western blot



COVID19 Protein Arrays