

## COVID-19 Information Sheet

### **COVID-19 Microplate, Catalog Number: SP864C**

The microplate contains the following two recombinant proteins derived from the Wuhan-Hu-1 strain.

Each plate is coated with a mixture of these two recombinant antigens produced in HEK293 cells

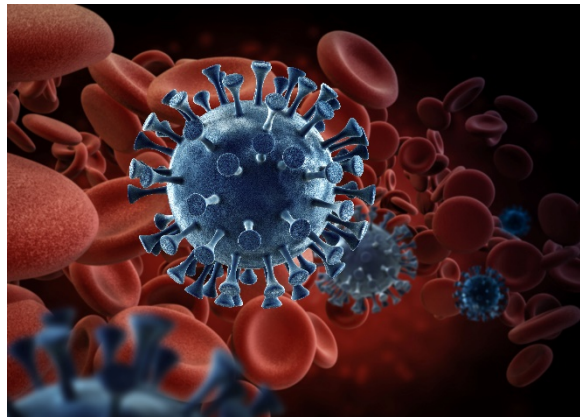
- 1- Subunit 1, SARS-CoV-2 Spike Glycoprotein (S1) encompassing amino acids 1-674
- 2- Subunit 1, SARS-CoV-2 Spike Glycoprotein (S2) encompassing amino acids 685-1211

### **SARS-CoV-2 Spike Glycoprotein (S1) Description:**

Recombinant SARS-CoV-2 S1 glycoprotein (NCBI accession number YP\_009724390.1, AA1-674), C-terminally tagged with a predominantly monomeric sheep Fc-tag. Protein was produced in HEK293 cells and purified from culture supernatant by Protein G chromatography.

### **SARS-CoV-2 Spike Glycoprotein (S2) Description:**

Recombinant SARS-CoV-2 S1 glycoprotein (NCBI accession number YP\_009724390.1, AA685-1211), C-terminally tagged with a predominantly monomeric sheep Fc-tag. Protein was produced in HEK293 cells and purified from culture supernatant by Protein G chromatography.



### **COVID-19 Positive Control, Catalog Number: SPC864**

A mouse monoclonal antibody directed at the COVID-19 spike protein S2 subunit. It will require mixed anti-mouse/anti-simian conjugate if used in conjunction with our SP864C - COVID-19 microplate.

### **COVID-19 Negative Control, Catalog Number: SNC864**

Sera diluted in 1:50 in diluent for 1x use.