

## 32-18005: SARS-CoV-2 Spike protein (RBD, His Tag)

**Application :** Functional Assay, ELISA  
**Format :** Purified  
**Alternative Name :** SARS-CoV-2 SP RBD, 2019-nCoV SP RBD.

### Description

**Source:** Human Cells. SARS-CoV-2 (Severe Acute Respiratory Syndrome Coronavirus 2) also known as 2019-nCoV (2019 Novel Coronavirus) is a virus that causes illnesses ranging from the common cold to severe diseases. SARS-CoV-2 Spike Protein is composed of S1 domain and S2 domain. S1 contains a receptor-binding domain (RBD) that can specifically bind to angiotensin-converting enzyme 2 (ACE2), the receptor on target cells. It is believed that SARS-CoV-2 Spike Protein (RBD) has potential value for the diagnosis of the virus. Predicted molecular weight 30 kDa.

### Product Info

**Amount :** 100 µg / 1 mg  
**Purification :** > 90% as analyzed by SDS-PAGE  
**Content :** PBS, pH 7.2  
**Storage condition :** The product can be stored at -20°C or below. Avoid repeated freezing and thawing cycles. The shelf life of the product is unspecified.

### Application Note

ELISA. SARS-CoV-2 Spike protein (RBD, His Tag) can bind with Human ACE2 in functional ELISA assay.

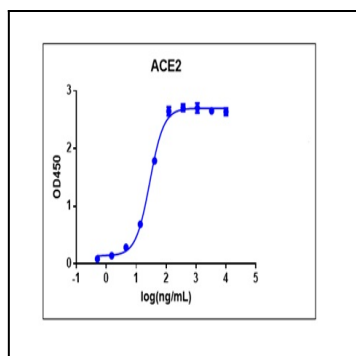


Figure-1: SARS-CoV-2 Spike protein (RBD, His Tag) can bind with Human ACE2 in functional ELISA assay.