

## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB-PAIR-001-HRP - Anti-SARS-CoV2 Spike protein S1 Matched ELISA pair Antibody

Size: 100 ul per vial



### Target Protein

**Principal Names:** Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) isolate Wuhan-Hu-1, Spike glycoprotein, E2, Peplomer protein, SARS-CoV S protein, Spike protein, COVID 19, S protein, S glycoprotein, SARS Coronavirus, SARS-CoV-2, SARS CoV 2, 2019-nCoV

**Accession Number(s):** P0DTC2; NC\_045512.2/MN908947; P59594

**Important Comments:** Capture antibody: Purified Goat anti-SARS-CoV-2 (S1) polyclonal IgG ([EB13088](#)). Detection antibody: HRP-conjugated Human IgG1 anti-SARS-CoV (S1) ([CR3022](#), [Ab01680-10.0](#)) recombinant monoclonal.

### Immunogen

Peptide with sequence PROPRIETARY from the protein sequence(s) according to P0DTC2; NC\_045512.2/MN908947; P59594.

### Purification and Storage

**Capture antibody, EB13088:** Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

**Detection antibody, CR3022, Ab01680-10.0:** Protein A affinity Purified HRP-conjugated antibody, Size: 200 µg. Supplied at 1 mg/ml in PBS, 50% Glycerol. Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Minimize freezing and thawing.

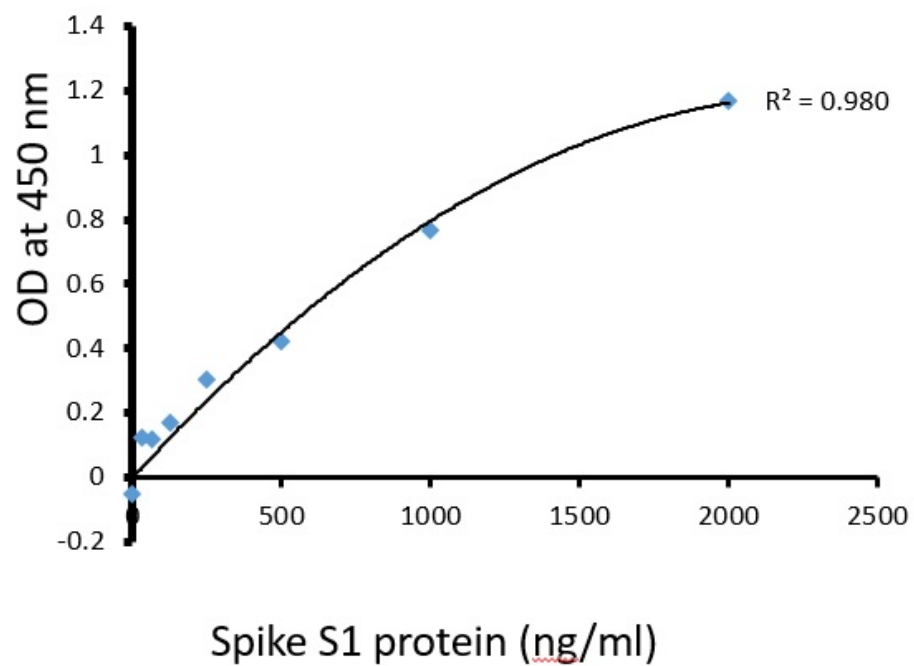
### Applications Tested

**Sandwich ELISA Pair Testing:** Capture Antibody: EB13088 (10 µg/ml). Detection antibody: CR3022, Ab01680-10.0 (1:1000 fold diluted). Please find the [ELISA Pair Testing Protocol](#) here. And please find the [product flyer](#) here.

### Species Reactivity

**Species Reactivity Tested:** Viral

**Expected from sequence similarity:** Human Coronavirus



EB-Pair-001-HRP. Antigen: Recombinant Spike S1 protein (2000 ng/ml, 1000 ng/ml, 500 ng/ml, 250 ng/ml, 125 ng/ml, 62.5 ng/ml, 31.25 ng/ml, 0 ng/ml). Blocking with 3% BSA for 2 hours.