

## UK Office

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

## EB-PAIR-001-HRP - Goat 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 Polyclonal IgG ([EB13088](#)).

Detection antibody: HRP-conjugated Human IgG1 Immunogen ([CR3022](#), [Ab01680-10.0](#)).

### 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.

### 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.