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**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.

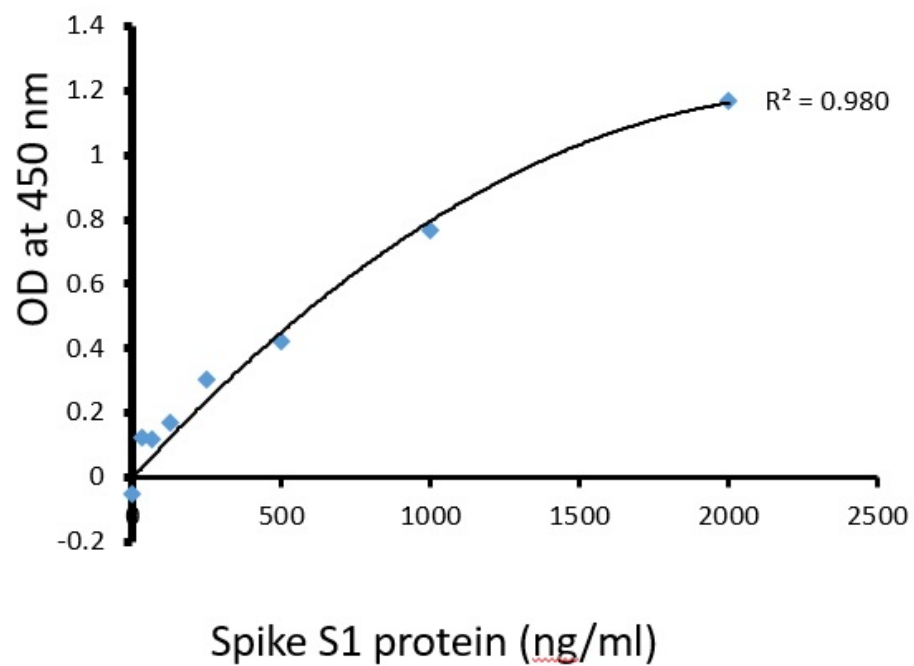
Applications Tested

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.