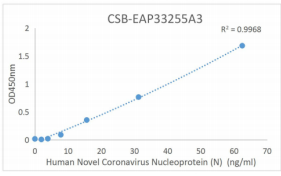
SARS-CoV-2 N Antibody Pair 3

Product Code	CSB-EAP33255A3
Uniprot No.	P0DTC9
Immunogen	Recombinant Human Novel Coronavirus Nucleoprotein (N) (1-419aa)
Species Reactivity	Human Novel Coronavirus (SARS-CoV-2/ 2019-nCoV)
Tested Applications	S-ELISA
Form	Liquid
Product Type	Antibody Pairs
Immunogen Species	Human Novel Coronavirus (SARS-CoV-2/ 2019-nCoV)
Protein Names	Human Novel Coronavirus Nucleoprotein (N)
Notes	We recommend using the capture antibody at a concentration of 1ug/ml and the detection antibody at a concentration of 0.125ug/ml. Optimal dilutions should be determined experimentally by the researcher.

Image

SARS-CoV-2 Nucleoprotein (N)	
ng/ml	OD_{450nm}
62.5	1.6839
31.25	0.7657
15.625	0.3555
7.8125	0.0915
3.90625	0.0215
1.953125	0.0079
0	0.0179



CSB-EAP33255A3 is a solid phase sandwich Enzyme Linked-Immuno-Sorbent Assay (Sandwich ELISA). An antibody specific for SARS-CoV-2 Nucleoprotein (N) has been pre-coated onto the microwells. The SARS-CoV-2 Nucleoprotein (N) protein in samples is captured by the coated antibody after incubation. Following extensive washing, another antibody Biotin conjugated specific for SARS-CoV-2 Nucleoprotein (N) is added to detect the captured SARS-CoV-2 Nucleoprotein (N) protein. Followed by Tetramethyl-benzidine (TMB) reagent. Solution containing sulfuric acid is used to stop color development and the color intensity which is proportional to the quantity of bound protein is measurable at 450nm.

Host	Capture: Mouse scFv fusion with human IgG1 Fc Detection: Mouse
Components	Capture: CSB-EAP33255A3C Detection: CSB-EAP33255A3D(Biotin) Reagents are sufficient for at least 5 x 96 well plates using recommended protocol.
Storage-Buffer	Capture: 50% Glycerol, 0.01M PBS, PH 7.4 Detection: 50% Glycerol, 0.01M PBS, PH 7.4