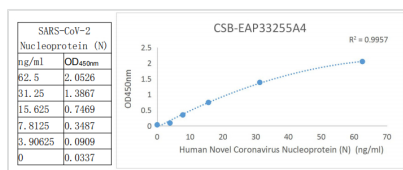




# SARS-CoV-2 N Antibody Pair 4

|                            |   |
|----------------------------|---|
| <b>Product Code</b>        | CSB-EAP33255A4  |
| <b>Uniprot No.</b>         | P0DTC9  |
| <b>Immunogen</b>           | Recombinant Human Novel Coronavirus Nucleoprotein (N) (1-419aa)   |
| <b>Species Reactivity</b>  | Human Novel Coronavirus (SARS-CoV-2/ 2019-nCoV)   |
| <b>Tested Applications</b> | S-ELISA   |
| <b>Form</b>                | Liquid  |
| <b>Product Type</b>        | Antibody Pairs  |
| <b>Immunogen Species</b>   | Human Novel Coronavirus (SARS-CoV-2/ 2019-nCoV)   |
| <b>Protein Names</b>       | Human Novel Coronavirus Nucleoprotein (N)   |
| <b>Notes</b>               | We recommend using the capture antibody at a concentration of 1ug/ml and the detection antibody at a concentration of 0.05ug/ml. Optimal dilutions should be determined experimentally by the researcher. |

## Image



CSB-EAP33255A4 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.

|                       |   |
|-----------------------|---|
| <b>Host</b>           | Capture: Mouse<br>Detection: Mouse  |
| <b>Components</b>     | Capture: CSB-EAP33255A4C<br>Detection: CSB-EAP33255A4D(Biotin)<br>Reagents are sufficient for at least 5 x 96 well plates using recommended protocol. |
| <b>Storage-Buffer</b> | Capture: 50% Glycerol, 0.01M PBS, PH 7.4<br>Detection: 50% Glycerol, 0.01M PBS, PH 7.4  |
| <b>Usage</b>          | For Research Use Only. Not for use in diagnostic or therapeutic procedures.   |