

## PRODUCT INFORMATION

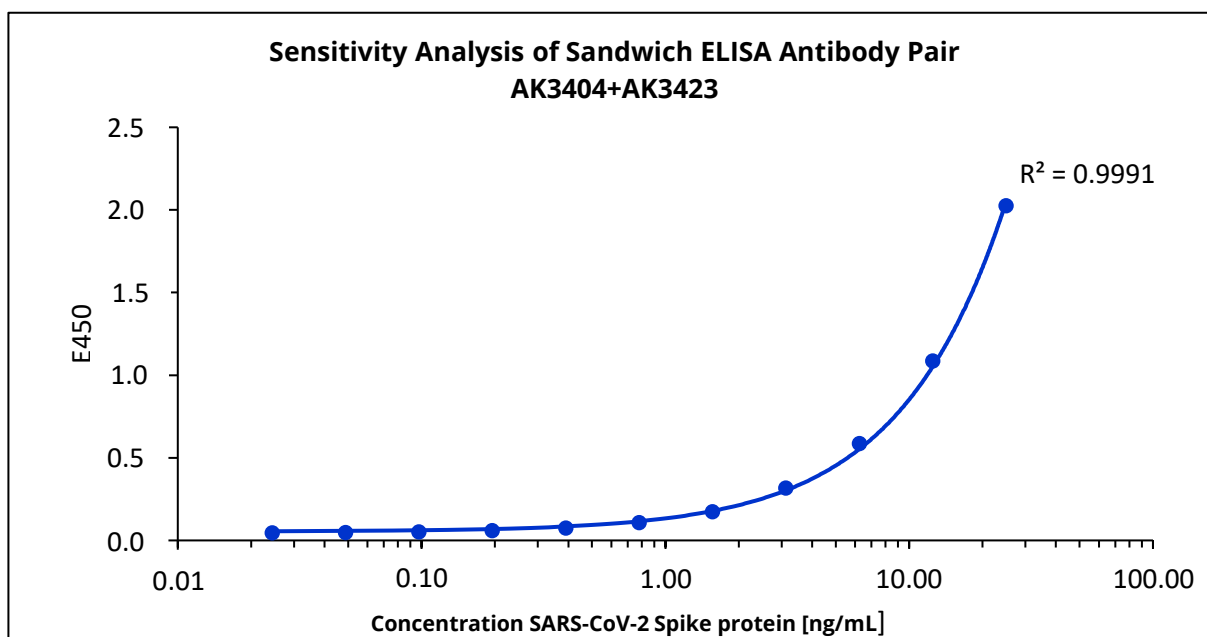
### Sandwich Antibody Pair AK3404+AK3423

#### Sandwich Antibodies

|                    | Capture Antibody          | Detection Antibody       |
|--------------------|---------------------------|--------------------------|
| <b>Description</b> | Anti-Spike (RBD) Antibody | Anti-Spike (S1) Antibody |
| <b>Product-ID</b>  | AK3404                    | AK3423                   |
| <b>Host</b>        | Mouse                     | Mouse                    |
| <b>Clonality</b>   | Monoclonal                | Monoclonal               |
| <b>Isotype</b>     | IgG                       | IgG                      |
| <b>Subclass</b>    | mIgG1κ                    | mIgG1κ                   |

**Tested Applications:** Sandwich ELISA, sensitivity  $0.1 \pm 0.02$  ng/mL Spike protein

#### Protein Activity (ELISA)



**Sandwich ELISA using Anti-Spike (RBD) Antibody AK3404 as capture antibody at a concentration of 10 µg/mL and biotinylated Anti-Spike (S1) Antibody AK3423 as detection antibody at a concentration of 1 µg/mL. As antigen, SARS-CoV-2 Spike protein was applied in concentrations ranging from 25 ng/mL to 0.025 ng/mL.**

The coated biotinylated antibody was detected with Streptavidin-Peroxidase (10 ng/mL) following incubation with TMB. Mean values of 8 technical replicates are displayed. The determined lower limit of quantification (= sensitivity) is  $0.1 \pm 0.02$  ng/mL Spike protein.

**The product is for research use or for further manufacturing only.**