

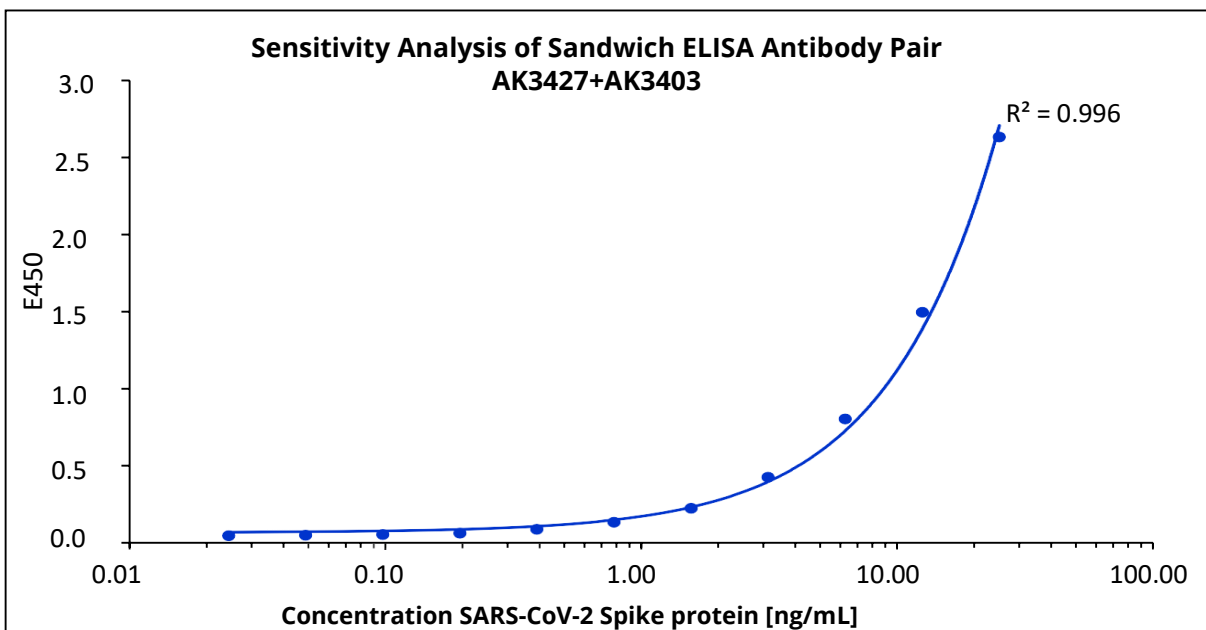
## Sandwich Antibody Pair AK3427+AK3403

### Sandwich Antibodies

	Capture Antibody	Detection Antibody
<b>Description</b>	Anti-Spike (RBD) Antibody	Anti-Spike (RBD) Antibody
<b>Product-ID</b>	AK3427	AK3403
<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 AK3427 as capture antibody at a concentration of 10 µg/mL and biotinylated Anti-Spike (RBD) Antibody AK3403 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.**