

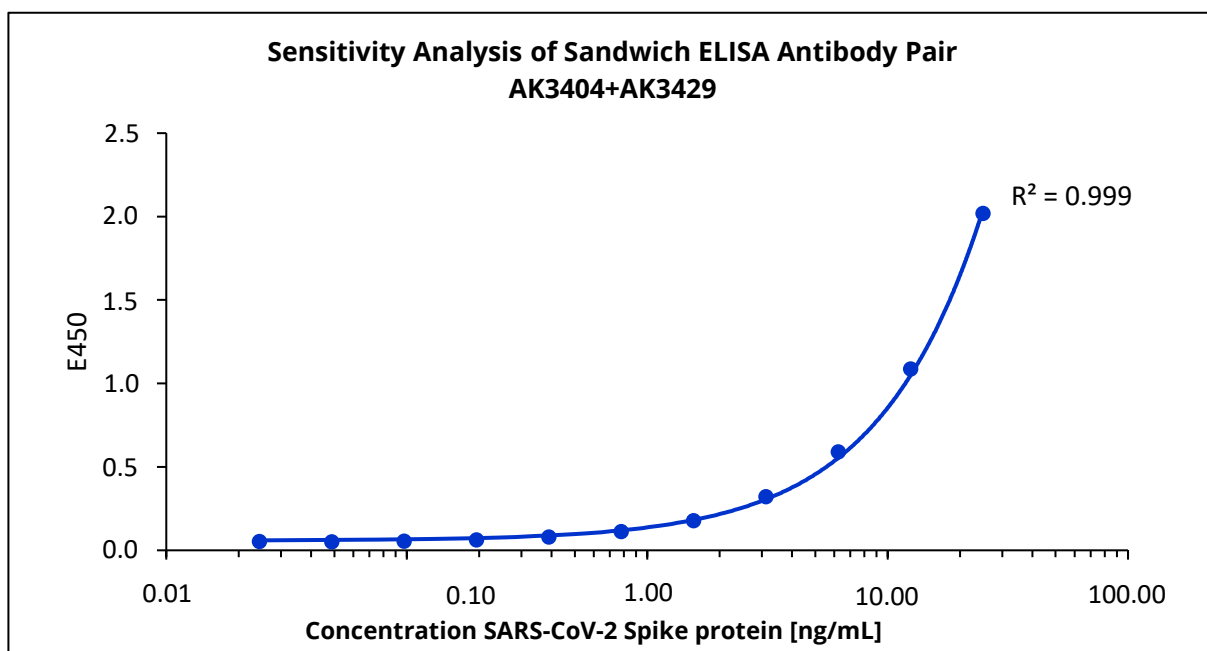
Sandwich Antibody Pair AK3404+AK3429

Sandwich Antibodies

	Capture Antibody	Detection Antibody
Description	Anti-Spike (RBD) Antibody	Anti-Spike (S1) Antibody
Product-ID	AK3404	AK3429
Host	Mouse	Mouse
Clonality	Monoclonal	Monoclonal
Isotype	IgG	IgG
Subclass	mIgG1κ	mIgG1κ

Tested Applications: Sandwich ELISA, sensitivity 0.2 ± 0.04 ng/mL Spike protein

Protein Activity (ELISA)



Sandwich ELISA using Anti-Spike (RBD) Antibody AK3404 as capture antibody at a concentration of $10 \mu\text{g/mL}$ and biotinylated Anti-Spike (S1) Antibody AK3429 as detection antibody at a concentration of $1 \mu\text{g/mL}$. 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 $0.2 \pm 0.04 \text{ ng/mL}$ Spike protein.

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