

PRODUCT INFORMATION

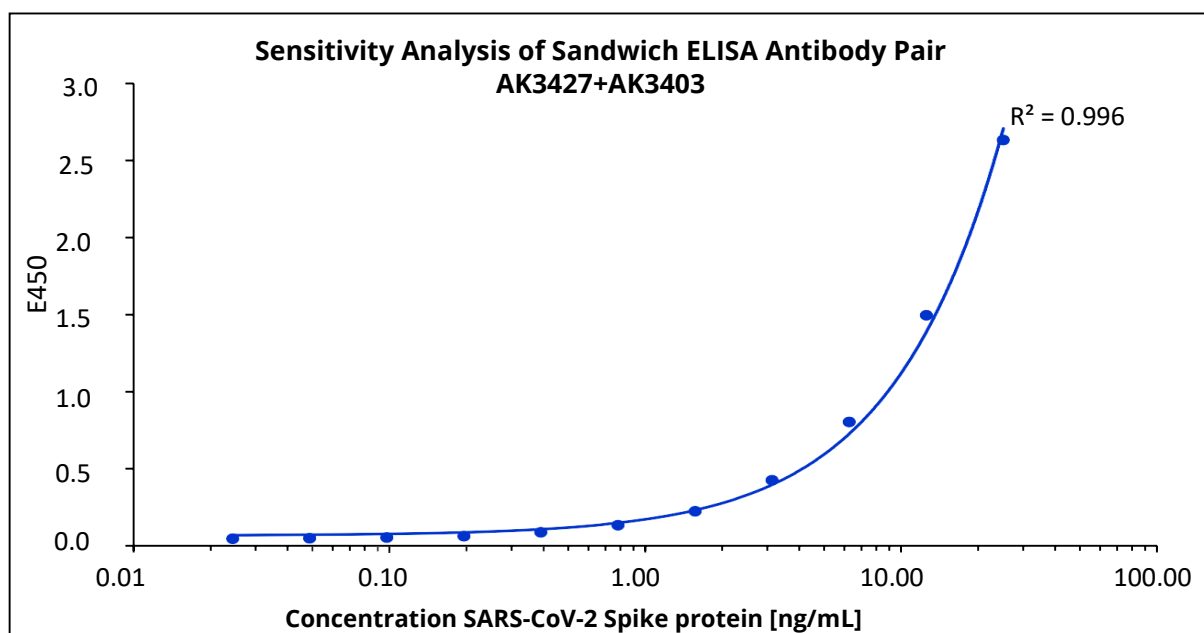
Sandwich Antibody Pair AK3427+AK3403

Sandwich Antibodies

	Capture Antibody	Detection Antibody
Description	Anti-Spike (RBD) Antibody	Anti-Spike (RBD) Antibody
Product-ID	AK3427	AK3403
Host	Mouse	Mouse
Clonality	Monoclonal	Monoclonal
Isotype	IgG	IgG
Subclass	mIgG1k	mIgG1k

Tested Applications: Sandwich ELISA, sensitivity 0.1 ± 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 ± 0.02 ng/mL Spike protein.

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