

PRODUCT INFORMATION

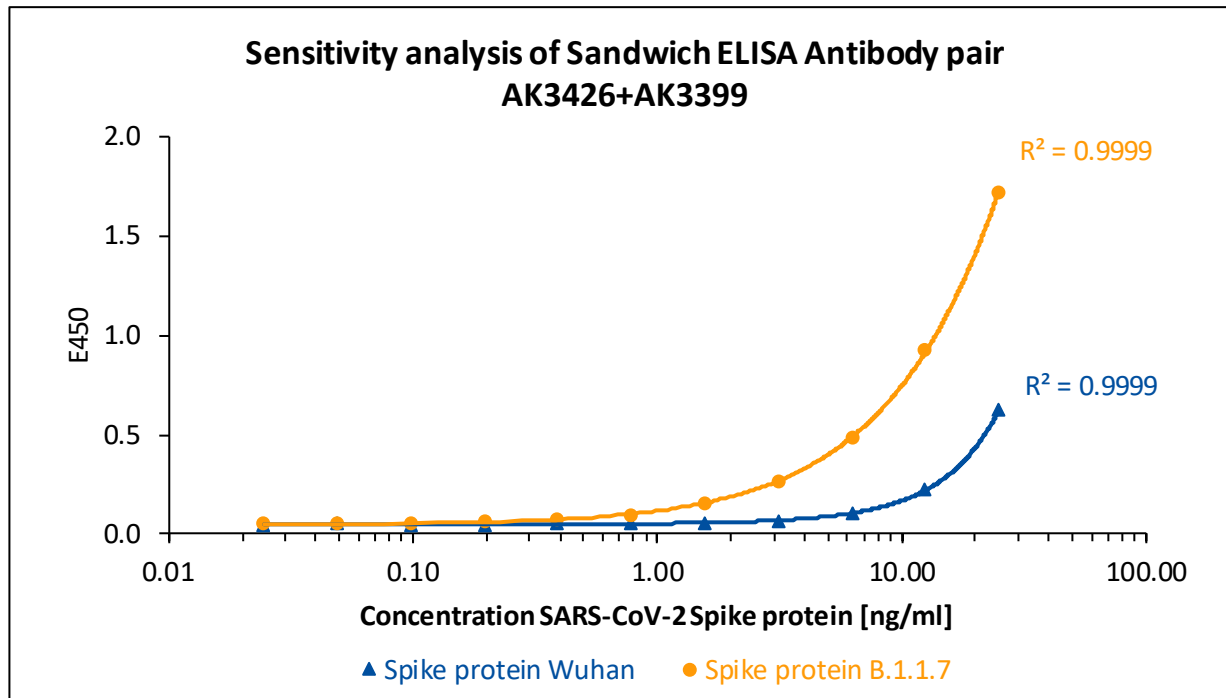
Sandwich Antibody Pair AK3426+AK3399

Sandwich Antibodies

	Capture Antibody	Detection Antibody
Description	Anti-Spike (RBD) Antibody	Anti-Spike (RBD) Antibody
Product-ID	AK3426	AK3399
Host	Mouse	Mouse
Clonality	Monoclonal	Monoclonal
Isotype	IgG	IgG
Subclass	mIgG1k	mIgG2ak

Tested Applications: Sandwich ELISA
Sensitivity: Spike protein Wuhan: 1.56 ± 0.34 ng/mL
 Spike protein B.1.1.7: 0.20 ± 0.04 ng/mL

Protein Activity (ELISA)



Sandwich ELISA using Anti-Spike (RBD) Antibody AK3426 as capture antibody at a concentration of 10 µg/mL and biotinylated Anti-Spike (RBD) Antibody AK3399 as detection antibody at a concentration of 1 µg/mL. As antigens, SARS-CoV-2 Spike protein Wuhan and Spike protein B.1.1.7 were used in concentrations ranging from 0.025 ng/mL to 25 ng/mL. The Spike protein-bound biotinylated antibody was detected using streptavidin-peroxidase (10 ng/mL) and subsequent incubation with TMB. Mean values of 8 technical replicates are displayed. The determined lower limit of quantification (=sensitivity) is 1.56 ± 0.34 ng/mL Spike protein Wuhan and 0.20 ± 0.04 ng/mL Spike protein B.1.1.7.

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