

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Human anti-SARS-CoV2(S-RBD) (Omicron,B.1.1.529) IgG ELISA Kit EBT-ELK0730

Article Name	Human anti-SARS-CoV2(S-RBD) (Omicron,B.1.1.529) IgG ELISA Kit
Biozol Catalog Number	EBT-ELK0730
Supplier Catalog Number	ELK0730
Alternative Catalog Number	EBT-ELK0730-96, EBT-ELK0730-48, EBT-ELK0730-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	100 ng/mL
Range	1.57-100 ng/mL
Sensitivity	0.89 ng/mL
Samples	serum, plasma and biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Infectious Diseases. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human anti-SARS-CoV2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human anti-SARS-CoV2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human anti-SARS-CoV2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm 10nm. The concentration of Human anti-SARS-CoV2 in the samples is then determined by comparing the OD of the samples to the standard curve