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Product Datasheet

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

Artikelname	Human anti-SARS-CoV2(S-RBD) (Omicron,B.1.1.529) IgG ELISA Kit
Artikelnummer	EBT-ELK0730
Hersteller Artikelnummer	ELK0730
Alternativnummer	EBT-ELK0730-96, EBT-ELK0730-48, EBT-ELK0730-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	100 ng/mL
Detektionsbereich	1.57-100 ng/mL
Sensitivitaet	0.89 ng/mL
Proben	serum, plasma and biological fluids

Anwendungsbeschreibung

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