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Product Datasheet

Human Anti-SARS-CoV2 (S-RBD) (Omicron, B.1.1.529) IgG ELISA Kit BYT-ORB2307995

Article Name	Human Anti-SARS-CoV2 (S-RBD) (Omicron, B.1.1.529) IgG ELISA Kit
Biozol Catalog Number	BYT-ORB2307995
Supplier Catalog Number	orb2307995
Alternative Catalog Number	BYT-ORB2307995-48,BYT-ORB2307995-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Human
Product Description	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...
Concentration	100 ng/mL
Range	1.57-100 ng/mL
Sensitivity	0.89 ng/mL
Samples	serum, plasma and biological fluids

Application Notes	Application Notes: standard: 100 ng/mL. 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
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