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Product Datasheet

Human SARS-CoV-2 Nucleocapsid ELISA Kit EBT-ECV001

Artikelname	Human SARS-CoV-2 Nucleocapsid ELISA Kit
Artikelnummer	EBT-ECV001
Hersteller Artikelnummer	ECV001
Alternativnummer	EBT-ECV001-96, EBT-ECV001-48, EBT-ECV001-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	500 pg/mL
Detektionsbereich	7.82-500 pg/mL
Sensitivitaet	3.2 pg/mL
Proben	serum, plasma, saliva, tissue homogenates, cell lysates, cell culture supernates and other 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 SARS-CoV-2 Nucleocapsid. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human SARS-CoV-2 Nucleocapsid. 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 SARS-CoV-2 Nucleocapsid, 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 SARS-CoV-2 Nucleocapsid in the samples is then determined by comparing the OD of the samples to the standard curve