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Product Datasheet

Human SOD(Superoxide Dismutases) ELISA Kit EBT-ELK5615

Artikelname	Human SOD(Superoxide Dismutases) ELISA Kit
Artikelnummer	EBT-ELK5615
Hersteller Artikelnummer	ELK5615
Alternativnummer	EBT-ELK5615-96, EBT-ELK5615-48, EBT-ELK5615-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	10 U/mL
Detektionsbereich	0.16-10 U/mL
Sensitivitaet	0.068 U/mL
UniProt	P00441
Proben	Serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase, Metabolic pathway, Endocrinology, Hepatology, Nutrition metabolism,. 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 SOD. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human SOD. 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 SOD, 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 SOD in the samples is then determined by comparing the OD of the samples to the standard curve