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Product Datasheet

Rat SOD1(Superoxide Dismutase 1, Soluble) ELISA Kit EBT-ELK10655

Artikelname	Rat SOD1(Superoxide Dismutase 1, Soluble) ELISA Kit
Artikelnummer	EBT-ELK10655
Hersteller Artikelnummer	ELK10655
Alternativnummer	EBT-ELK10655-96, EBT-ELK10655-96X5, EBT-ELK10655-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.068 ng/mL
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates 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 Rat SOD1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat SOD1. 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 Rat SOD1, 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 Rat SOD1 in the samples is then determined by comparing the OD of the samples to the standard curve