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Product Datasheet

Cattle SOD1(Superoxide Dismutase 1, Soluble) ELISA Kit EBT-ELK9981

Artikelname	Cattle SOD1(Superoxide Dismutase 1, Soluble) ELISA Kit
Artikelnummer	EBT-ELK9981
Hersteller Artikelnummer	ELK9981
Alternativnummer	EBT-ELK9981-96, EBT-ELK9981-48, EBT-ELK9981-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Bovine
Konzentration	50 ng/mL
Detektionsbereich	0.78-50 ng/mL
Sensitivitaet	0.221 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 Cattle SOD1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle 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 Cattle 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 Cattle SOD1 in the samples is then determined by comparing the OD of the samples to the standard curve
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