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Product Datasheet

Cattle Superoxide Dismutases (SOD) ELISA Kit BYT-ORB782459

Artikelname	Cattle Superoxide Dismutases (SOD) ELISA Kit
Artikelnummer	BYT-ORB782459
Hersteller Artikelnummer	orb782459
Alternativnummer	BYT-ORB782459-48, BYT-ORB782459-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Bovine
Produktbeschreibung	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 Superoxide Dismutases(SOD)....
Konzentration	10 U/mL
Detektionsbereich	0.16-10 U/mL
Sensitivitaet	0.063 U/mL
UniProt	P00442
Proben	Serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 10 U/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 Cattle SOD. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle 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 Cattle 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 Cattle SOD in the samples is then determined by comparing the OD of the samples to the standard curve