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Product Datasheet

Human Superoxide Dismutase 1, Soluble (SOD1) ELISA Kit BYT-ORB1946849

Artikelname	Human Superoxide Dismutase 1, Soluble (SOD1) ELISA Kit
Artikelnummer	BYT-ORB1946849
Hersteller Artikelnummer	orb1946849
Alternativnummer	BYT-ORB1946849-48,BYT-ORB1946849-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Produktbeschreibung	Human Superoxide Dismutase 1, Soluble (SOD1) ELISA Kit...
Detektionsbereich	62.5-4000pg/mL
Sensitivitaet	37.5 pg/mL
UniProt	P00441
Proben	serum, plasma, Tissue homogenate and Other biological samples
Target-Kategorie	SOD1

Anwendungsbeschreibung

Application Notes: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Human SOD1. During the reaction, Human SOD1 in the sample or standard competes with a fixed amount of Human SOD1 on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human SOD1. Excess conjugate and unbound sample or standard are washed away, and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns from blue to yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm \pm 2 nm. The concentration of Human SOD1 in tested samples can be calculated by comparing the OD of the samples to the standard curve