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Product Datasheet

Mouse Superoxide Dismutase 3, Extracellular (SOD3) ELISA Kit BYT-ORB1946774

Artikelname	Mouse Superoxide Dismutase 3, Extracellular (SOD3) ELISA Kit
Artikelnummer	BYT-ORB1946774
Hersteller Artikelnummer	orb1946774
Alternativnummer	BYT-ORB1946774-48,BYT-ORB1946774-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Mouse
Produktbeschreibung	Mouse Superoxide Dismutase 3, Extracellular (SOD3) ELISA Kit...
Detektionsbereich	0.16-10ng/mL
Sensitivitaet	0.1 ng/mL
UniProt	O09164
Proben	serum, plasma, Tissue homogenate and Other biological samples
Target-Kategorie	SOD3

Anwendungsbeschreibung

Application Notes: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Mouse SOD3. During the reaction, Mouse SOD3 in the sample or standard competes with a fixed amount of Mouse SOD3 on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Mouse SOD3. 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 Mouse SOD3 in tested samples can be calculated by comparing the OD of the samples to the standard curve