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Product Datasheet

Rat Lipid Peroxide (LPO) ELISA Kit BYT-ORB782690

Artikelname	Rat Lipid Peroxide (LPO) ELISA Kit
Artikelnummer	BYT-ORB782690
Hersteller Artikelnummer	orb782690
Alternativnummer	BYT-ORB782690-48, BYT-ORB782690-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Rat
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 LPO(Lipid Peroxide)....
Konzentration	200 ng/mL
Detektionsbereich	3.13-200 ng/mL
Sensitivitaet	1.048 ng/mL
Proben	serum, plasma and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 200 ng/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 Rat LPO. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat LPO. 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 LPO, 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 LPO in the samples is then determined by comparing the OD of the samples to the standard curve