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Product Datasheet

Human LPO(Lipid Peroxide) Microsample ELISA Kit BYT-ORB2997304

Artikelname	Human LPO(Lipid Peroxide) Microsample ELISA Kit
Artikelnummer	BYT-ORB2997304
Hersteller Artikelnummer	orb2997304
Alternativnummer	BYT-ORB2997304-48, BYT-ORB2997304-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Produktbeschreibung	Human LPO(Lipid Peroxide) Microsample ELISA Kit...
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.056 ng/mL
Proben	serum, plasma and other biological fluids

Anwendungsbeschreibung

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