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Product Datasheet

Human 8-OHdG (DNA Damage) ELISA Kit BYT-ORB2667416

Artikelname	Human 8-OHdG (DNA Damage) ELISA Kit
Artikelnummer	BYT-ORB2667416
Hersteller Artikelnummer	orb2667416
Alternativnummer	BYT-ORB2667416-48,BYT-ORB2667416-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Produktbeschreibung	Human 8-OHdG (DNA Damage) ELISA Kit...
Detektionsbereich	1.56-100 ng/mL
Sensitivitaet	0.59 ng/mL
Proben	serum, plasma and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 100 ng/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human 8-OHdG protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 8-OHdG. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 8-OHdG in the samples is then determined by comparing the OD of the samples to the standard curve