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Product Datasheet

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

Article Name	Human 8-OHdG (DNA Damage) ELISA Kit
Biozol Catalog Number	BYT-ORB2667416
Supplier Catalog Number	orb2667416
Alternative Catalog Number	BYT-ORB2667416-48,BYT-ORB2667416-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Human
Product Description	Human 8-OHdG (DNA Damage) ELISA Kit...
Range	1.56-100 ng/mL
Sensitivity	0.59 ng/mL
Samples	serum, plasma and other biological fluids

Application Notes

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