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## Product Datasheet

### Human 8-OHdG(DNA Damage) ELISA Kit EBT-ELK10908

Article Name	Human 8-OHdG(DNA Damage) ELISA Kit
Biozol Catalog Number	EBT-ELK10908
Supplier Catalog Number	ELK10908
Alternative Catalog Number	EBT-ELK10908-96, EBT-ELK10908-96X5, EBT-ELK10908-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	100 ng/mL
Range	1.56-100 ng/mL
Sensitivity	0.59 ng/mL
Samples	serum, plasma and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Metabolic pathway, Tumor immunity, Infection immunity, Endocrinology, Hematology, Hepatology, . 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. 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