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Product Datasheet

8-OHdG(8-Hydroxydeoxyguanosine) ELISA Kit EBT-ELK10848

Article Name	8-OHdG(8-Hydroxydeoxyguanosine) ELISA Kit
Biozol Catalog Number	EBT-ELK10848
Supplier Catalog Number	ELK10848
Alternative Catalog Number	EBT-ELK10848-96, EBT-ELK10848-96X5, EBT-ELK10848-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	All
Concentration	100 ng/mL
Range	1.56-100 ng/mL
Sensitivity	0.57 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 8-OHdG. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to 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 8-OHdG in the samples is then determined by comparing the OD of the samples to the standard curve