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## Product Datasheet

### Mouse 8-OHdG(8-Hydroxydeoxyguanosine) ELISA Kit EBT-ELK11273

Article Name	Mouse 8-OHdG(8-Hydroxydeoxyguanosine) ELISA Kit
Biozol Catalog Number	EBT-ELK11273
Supplier Catalog Number	ELK11273
Alternative Catalog Number	EBT-ELK11273-96, EBT-ELK11273-48, EBT-ELK11273-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	100 ng/mL
Range	1.56-100 ng/mL
Sensitivity	0.48 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 Mouse 8-OHdG. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse 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 Mouse 8-OHdG in the samples is then determined by comparing the OD of the samples to the standard curve