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Product Datasheet

Chicken 8-OHdG(8-Hydroxydeoxyguanosine) ELISA Kit EBT-ELK10145

Article Name	Chicken 8-OHdG(8-Hydroxydeoxyguanosine) ELISA Kit
Biozol Catalog Number	EBT-ELK10145
Supplier Catalog Number	ELK10145
Alternative Catalog Number	EBT-ELK10145-96, EBT-ELK10145-48, EBT-ELK10145-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Gallus
Concentration	100 ng/mL
Range	1.56-100 ng/mL
Sensitivity	0.56 ng/mL
Samples	serum, plasma and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2.5h. 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 Chicken 8-OHdG. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Chicken 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 Chicken 8-OHdG in the samples is then determined by comparing the OD of the samples to the standard curve