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Product Datasheet

Chicken TBARS(Thiobarbituric Acid Reactive Substance) ELISA Kit EBT-ELK11258

Article Name	Chicken TBARS(Thiobarbituric Acid Reactive Substance) ELISA Kit
Biozol Catalog Number	EBT-ELK11258
Supplier Catalog Number	ELK11258
Alternative Catalog Number	EBT-ELK11258-96, EBT-ELK11258-48, EBT-ELK11258-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Gallus
Concentration	400 nmol/mL
Range	6.25-400 nmol/mL
Sensitivity	3.56 nmol/mL
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Metabolic pathway, Hepatology, Hormone metabolism,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Chicken TBARS. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Chicken TBARS. 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 TBARS in the samples is then determined by comparing the OD of the samples to the standard curve