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Product Datasheet

Chicken HMOX1 (Heme oxygenase 1) ELISA Kit EBT-ELK0867

Article Name	Chicken HMOX1 (Heme oxygenase 1) ELISA Kit
Biozol Catalog Number	EBT-ELK0867
Supplier Catalog Number	ELK0867
Alternative Catalog Number	EBT-ELK0867-96, EBT-ELK0867-48, EBT-ELK0867-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Gallus
Concentration	50 ng/mL
Range	0.79-50 ng/mL
Sensitivity	0.32 ng/mL
UniProt	P14791
Samples	tissue homogenates, cell lysates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase, Metabolic pathway, Cardiovascular biology, . Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Chicken HMOX1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Chicken HMOX1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Chicken HMOX1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 HMOX1 in the samples is then determined by comparing the OD of the samples to the standard curve