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Product Datasheet

Chicken HSP40(Heat Shock Protein 40) ELISA Kit EBT-ELK0978

Article Name	Chicken HSP40(Heat Shock Protein 40) ELISA Kit
Biozol Catalog Number	EBT-ELK0978
Supplier Catalog Number	ELK0978
Alternative Catalog Number	EBT-ELK0978-96, EBT-ELK0978-48, EBT-ELK0978-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Gallus
Concentration	200 ng/mL
Range	3.13-200 ng/mL
Sensitivity	0.9 ng/mL
Samples	tissue homogenates, cell lysates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Developmental science,. 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 HSP40. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Chicken HSP40. 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 HSP40, 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 HSP40 in the samples is then determined by comparing the OD of the samples to the standard curve