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## Product Datasheet

### Chicken HSP90alpha(Heat Shock Protein HSP 90-alpha ) ELISA Kit EBT-ELK9914

Article Name	Chicken HSP90alpha(Heat Shock Protein HSP 90-alpha ) ELISA Kit
Biozol Catalog Number	EBT-ELK9914
Supplier Catalog Number	ELK9914
Alternative Catalog Number	EBT-ELK9914-96, EBT-ELK9914-48, EBT-ELK9914-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Gallus
Concentration	100 ng/mL
Range	1.56-100 ng/mL
Sensitivity	0.46 ng/mL
UniProt	<a href="#">P11501</a>
Samples	serum, plasma, tissue homogenates

## Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Neuro science, Stress response. 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 HSP90alpha. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Chicken HSP90alpha. 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 HSP90alpha, 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 HSP90alpha in the samples is then determined by comparing the OD of the samples to the standard curve