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Product Datasheet

Rat HSP90alpha(Heat Shock Protein HSP 90-alpha) ELISA Kit EBT-ELK10893

Article Name	Rat HSP90alpha(Heat Shock Protein HSP 90-alpha) ELISA Kit
Biozol Catalog Number	EBT-ELK10893
Supplier Catalog Number	ELK10893
Alternative Catalog Number	EBT-ELK10893-96, EBT-ELK10893-96X5, EBT-ELK10893-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	100 ng/mL
Range	1.56-100 ng/mL
Sensitivity	0.51 ng/mL
UniProt	P82995
Samples	serum, plasma, tissue homogenates

Application Notes

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