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Product Datasheet

Human HSP90alpha(Heat Shock Protein HSP 90-alpha) ELISA Kit EBT-ELK10971

Article Name	Human HSP90alpha(Heat Shock Protein HSP 90-alpha) ELISA Kit
Biozol Catalog Number	EBT-ELK10971
Supplier Catalog Number	ELK10971
Alternative Catalog Number	EBT-ELK10971-96, EBT-ELK10971-96X5, EBT-ELK10971-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	100 ng/mL
Range	1.56-100 ng/mL
Sensitivity	0.53 ng/mL
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 Human HSP90alpha. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 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 Human 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 Human HSP90alpha in the samples is then determined by comparing the OD of the samples to the standard curve