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Product Datasheet

Rat HSP90b1(Heat Shock Protein 90kDa Beta 1) ELISA Kit EBT-ELK1610

Article Name	Rat HSP90b1(Heat Shock Protein 90kDa Beta 1) ELISA Kit
Biozol Catalog Number	EBT-ELK1610
Supplier Catalog Number	ELK1610
Alternative Catalog Number	EBT-ELK1610-96, EBT-ELK1610-48, EBT-ELK1610-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.05 ng/mL
UniProt	Q66HD0
Samples	Serum, plasma, tissue homogenates and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Immune molecule, 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 Rat HSP90b1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat HSP90b1. 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 HSP90b1, 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 HSP90b1 in the samples is then determined by comparing the OD of the samples to the standard curve