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Product Datasheet

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

Artikelname	Rat HSP90alpha(Heat Shock Protein HSP 90-alpha) ELISA Kit
Artikelnummer	EBT-ELK10893
Hersteller Artikelnummer	ELK10893
Alternativnummer	EBT-ELK10893-96, EBT-ELK10893-96X5, EBT-ELK10893-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	100 ng/mL
Detektionsbereich	1.56-100 ng/mL
Sensitivitaet	0.51 ng/mL
UniProt	P82995
Proben	serum, plasma, tissue homogenates

Anwendungsbeschreibung

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