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Product Datasheet

Mouse HSPA1A(Heat Shock 70kDa Protein 1A) ELISA Kit EBT-ELK4390

Article Name	Mouse HSPA1A(Heat Shock 70kDa Protein 1A) ELISA Kit
Biozol Catalog Number	EBT-ELK4390
Supplier Catalog Number	ELK4390
Alternative Catalog Number	EBT-ELK4390-96, EBT-ELK4390-48, EBT-ELK4390-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	50 ng/mL
Range	0.79-50 ng/mL
Sensitivity	0.27 ng/mL
UniProt	Q61696
Samples	Serum, plasma, tissue homogenates and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Tumor immunity, Infection immunity, 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 Mouse HSPA1A. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse HSPA1A. 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 Mouse HSPA1A, 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 Mouse HSPA1A in the samples is then determined by comparing the OD of the samples to the standard curve