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Product Datasheet

Human HSP47(Heat Shock Protein 47) ELISA Kit EBT-ELK3506

Artikelname	Human HSP47(Heat Shock Protein 47) ELISA Kit
Artikelnummer	EBT-ELK3506
Hersteller Artikelnummer	ELK3506
Alternativnummer	EBT-ELK3506-96, EBT-ELK3506-48, EBT-ELK3506-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	8000 pg/mL
Detektionsbereich	125-8000 pg/mL
Sensitivitaet	51 pg/mL
UniProt	P50454
Proben	Serum, plasma, tissue homogenates, cell lysates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: 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 Human HSP47. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human HSP47. 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 HSP47, 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 HSP47 in the samples is then determined by comparing the OD of the samples to the standard curve