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## Product Datasheet

### Rat HSPB1(Heat Shock 27kDa Protein 1) ELISA Kit EBT-ELK1846

Artikelname	Rat HSPB1(Heat Shock 27kDa Protein 1) ELISA Kit
Artikelnummer	EBT-ELK1846
Hersteller Artikelnummer	ELK1846
Alternativnummer	EBT-ELK1846-96, EBT-ELK1846-48, EBT-ELK1846-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	50 ng/mL
Detektionsbereich	0.79-50 ng/mL
Sensitivitaet	0.27 ng/mL
UniProt	<a href="#">P42930</a>
Proben	Serum, plasma, tissue homogenates, cell culture supernates and other biological fluids.

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Tumor 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 Rat HSPB1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat HSPB1. 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 HSPB1, 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 HSPB1 in the samples is then determined by comparing the OD of the samples to the standard curve