

Rat Heat Shock 27kDa Protein 1 (HSPB1) RTU ELISA Kit | HSPB1 rtu elisa kit

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CATALOG #
AAA71266

REACTIVITY
Rat

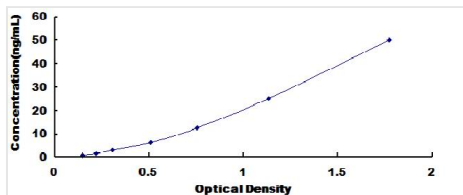
PRODUCT SYNONYMS

Heat Shock 27kDa Protein 1 (HSPB1); Rat Heat Shock 27kDa Protein 1 (HSPB1) ELISA Kit; HSP27; HSP-B1; CMT2F; HSP28; Hsp25; Heat Shock Protein 27; 28 kDa heat shock protein; Heat shock protein beta-1; Estrogen-regulated 24 kDa protein; HSPB1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	206
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	0.781-50ng/mL
Sensitivity	0.26ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSPB1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HSPB1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 $\pm$ 10nm. The concentration of HSPB1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1170367
NCBI GeneID	24471
UniProt Accession #	P42930; Q63922; Q9QWA8
Molecular Weight	22,893 Da
NCBI Official Full Name	Heat shock protein beta-1
NCBI Official Synonym Full Names	heat shock protein family B (small) member 1
NCBI Official Symbol	Hspb1
NCBI Official Synonym Symbols	Hsp25; Hsp27
NCBI Protein Information	heat shock protein beta-1
UniProt Protein Name	Heat shock protein beta-1
UniProt Gene Name	Hspb1
UniProt Synonym Gene Names	Hsp27; HspB1; HSP 27

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rat-rtu-elisa-kits/heat-shock-27kda-protein-1-hspb1/71266>