

Rat Heat Shock Protein Beta 2 (HSPb2) RTU ELISA Kit | HSPb2 rtu elisa kit

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CATALOG #
AAA71269

REACTIVITY
Rat

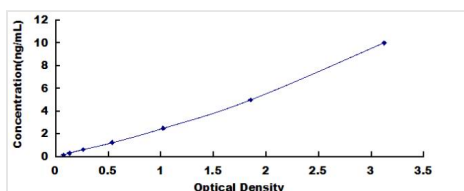
PRODUCT SYNONYMS

Heat Shock Protein Beta 2 (HSPb2); Rat Heat Shock Protein Beta 2 (HSPb2) ELISA Kit; HSP-B2; MKBP; HSP27; Heat Shock 27kDa Protein 2; DMPK-binding protein; HSPb2 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	182
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.051ng/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 HSPb2 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HSPb2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HSPb2. 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 HSPb2, 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 HSPb2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18426864
NCBI GeneID	161476
NCBI Accession #	NP_569115.1
NCBI GenBank Nucleotide #	NM_130431.1
UniProt Accession #	O35878
Molecular Weight	20,347 Da
NCBI Official Full Name	heat shock protein beta-2
NCBI Official Synonym Full Names	heat shock protein family B (small) member 2
NCBI Official Symbol	Hspb2
NCBI Protein Information	heat shock protein beta-2
UniProt Protein Name	Heat shock protein beta-2
UniProt Gene Name	Hspb2
UniProt Synonym Gene Names	HspB2

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-protein-beta-2-hspb2/71269>