

Rat Heat Shock Protein Beta 8 (HSPb8) RTU ELISA Kit | HSPb8 rtu elisa kit

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CATALOG #
AAA71277

REACTIVITY
Rat

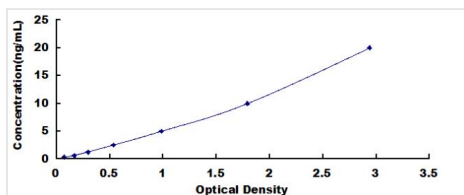
PRODUCT SYNONYMS

Heat Shock Protein Beta 8 (HSPb8); Rat Heat Shock Protein Beta 8 (HSPb8) ELISA Kit; CMT2L; DHMN2; E2IG1; H11; HMN2; HSP22; Heat Shock 22kDa Protein 8; Alpha-crystallin C chain; E2-induced gene 1 protein; Small stress protein-like protein HSP22; HSPb8 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	196
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.085ng/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 HSPb8 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HSPb8. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HSPb8. 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 HSPb8, 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 HSPb8 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	16758408
NCBI GeneID	113906
NCBI Accession #	NP_446064.1
NCBI GenBank Nucleotide #	NM_053612.2
UniProt Accession #	Q9EPX0
Molecular Weight	21,592 Da
NCBI Official Full Name	heat shock protein beta-8
NCBI Official Synonym Full Names	heat shock protein family B (small) member 8
NCBI Official Symbol	Hspb8
NCBI Official Synonym Symbols	Cryac; Hsp22
NCBI Protein Information	heat shock protein beta-8
UniProt Protein Name	Heat shock protein beta-8
UniProt Gene Name	Hspb8
UniProt Synonym Gene Names	Cryac; Hsp22; HspB8

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-8-hspb8/71277>