

Human Heat Shock Protein Beta 2 (HSPb2) ELISA Kit | HSPb2 elisa kit

Human Heat Shock Protein Beta 2 (HSPb2) ELISA Kit

CATALOG #
AAA42438

REACTIVITY
Human

PRODUCT SYNONYMS

Heat Shock Protein Beta 2 (HSPb2); Human Heat Shock Protein Beta 2 (HSPb2) ELISA Kit; HSPb2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	88
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 30ng/ml
Sensitivity	0.03ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSPb2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Heat Shock Protein Beta 2 (also known as HSPB2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human HSPB2 antibody. HSPB2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human HSPB2 Antibody is added and binds to HSPB2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HSPB2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human HSPB2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	257796241
NCBI GeneID	69253
NCBI Accession #	NP_001158180.1
NCBI GenBank Nucleotide #	NM_001164708.1
UniProt Accession #	Q99PR8; Q9CZC2; E9QKE3
Molecular Weight	9,810 Da
NCBI Official Full Name	heat shock protein beta-2 isoform 2
NCBI Official Synonym Full Names	heat shock protein 2
NCBI Official Symbol	Hspb2
NCBI Official Synonym Symbols	MKBP; 27kDa; HSP27; 2810021G24Rik
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/heat-shock-protein-beta-2-hspb2/42438>