Human Heat Shock cognate 71 kDa protein (HSPA8) ELISA Kit | HSPA8 elisa kit

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CATALOG #	REACTIVITY
AAA44098	**Human**

PRODUCT SYNONYMS

Heat Shock cognate 71 kDa protein (HSPA8); Human Heat Shock cognate 71 kDa protein (HSPA8) ELISA Kit; HSPA8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	493
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 18ng/ml
Sensitivity	0.024ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 HSPA8 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Heat Shock Cognate 71 kDa Protein (also known as HSPA8) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human HSPA8 antibody. HSPA8 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human HSPA8 Antibody is added and binds to HSPA8 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HSPA8 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 HSPA8. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	24234686
NCBI GeneID	3312

NCBI Accession #	NP_694881.1
NCBI GenBank Nucleotide #	NM_153201.3
UniProt Accession #	P11142; Q9H3R6
Molecular Weight	53,518 Da
NCBI Official Full Name	heat shock cognate 71 kDa protein isoform 2
NCBI Official Synonym Full Names	heat shock protein family A (Hsp70) member 8
NCBI Official Symbol	HSPA8
NCBI Official Synonym Symbols	LAP1; HSC54; HSC70; HSC71; HSP71; HSP73; LAP-1; NIP71; HEL-33; HSPA10; HEL-S-72p
NCBI Protein Information	heat shock cognate 71 kDa protein
UniProt Protein Name	Heat shock cognate 71 kDa protein
UniProt Gene Name	**HSPA8**
UniProt Synonym Gene Names	HSC70; HSP73; HSPA10; LAP-1; LPS-associated protein 1

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/human-elisa-kits/heat-shock-cognate-71-kda-protein-hspa8/44098