Human heat shock 70kDa protein 8 ELISA Kit | HSPA8 elisa kit

Human Heat shock cognate 71 kDa protein, HSPA8 ELISA Kit

CATALOG #	REACTIVITY
AAA112902	**Human**

PRODUCT SYNONYMS

heat shock 70kDa protein 8; Human Heat shock cognate 71 kDa protein; HSPA8 ELISA Kit; Human Heat shock cognate 71 kDa protein (HSPA8) ELISA kit; HSC54; HSC70; HSC71; HSP71; HSP73; HSPA10; LAP1; MGC131511; MGC29929; NIP71; LPS-associated protein 1; N-myristoyltransferase inhibitor protein 71; constitutive heat shock protein 70; heat shock 70kD p; HSPA8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human HSPA8. No significant cross-reactivity or interference between human HSPA8 and analogues was observed.
Sequence Length	646
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	<7.8 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSPA8 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for HSPA8 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HSPA8 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HSPA8 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of HSPA8 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729877
NCBI GeneID	3312
NCBI Accession #	NP_006588.1
NCBI GenBank Nucleotide #	NM_006597.5
UniProt Accession #	P11142; Q9H3R6
Molecular Weight	70,898 Da
NCBI Official Full Name	heat shock cognate 71 kDa protein isoform 1
NCBI Official Synonym Full Names	heat shock 70kDa protein 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; LPS-associated protein 1; heat shock 70kd protein 10; epididymis luminal protein 33; heat shock cognate protein 54; constitutive heat shock protein 70; lipopolysaccharide-associated protein 1; N-myristoyltransferase inhibitor protein 71; epididymis secretory sperm binding protein Li 72p
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
UniProt Entry Name	HSP7C_HUMAN

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/hspa8-human-elisa-kits/heat-shock-70kda-protein-8/112902