

Human HSPA13 (Heat shock 70 kDa protein 13) ELISA Kit | HSPA13 elisa kit

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CATALOG #
AAA249996

REACTIVITY
Human

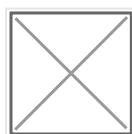
PRODUCT SYNONYMS

HSPA13 (Heat shock 70 kDa protein 13); Human HSPA13 (Heat shock 70 kDa protein 13) ELISA Kit; Heat shock 70 kDa protein 13; Microsomal stress-70 protein ATPase core; Stress-70 protein chaperone microsome-associated 60 kDa protein; STCH; HSPA13; HSPA13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HSPA13. No significant crossreactivity or interference between HSPA13 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSPA13 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	48928056
NCBI GeneID	6782

NCBI Accession #	NP_008879.3
NCBI GenBank Nucleotide #	NM_006948.4
UniProt Accession #	P48723 ; Q8NE40 ; B2R616
Molecular Weight	51,927 Da
NCBI Official Full Name	heat shock 70 kDa protein 13
NCBI Official Synonym Full Names	heat shock protein 70kDa family, member 13
NCBI Official Symbol	HSPA13
NCBI Official Synonym Symbols	STCH
NCBI Protein Information	heat shock 70 kDa protein 13; microsomal stress 70 protein ATPase core; microsomal stress-70 protein ATPase core; stress 70 protein chaperone, microsome-associated, 60kD; stress 70 protein chaperone, microsome-associated, 60kDa; stress-70 protein chaperon
UniProt Protein Name	Heat shock 70 kDa protein 13
UniProt Gene Name	HSPA13
UniProt Synonym Gene Names	STCH
UniProt Entry Name	HSP13_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/human-elisa-kits/hspa13-heat-shock-70-kda-protein-13/249996>