

Human Heat Shock 70kDa Protein 4 (HSPA4) ELISA Kit | HSPA4 elisa kit

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CATALOG #
AAA42904

REACTIVITY
Human

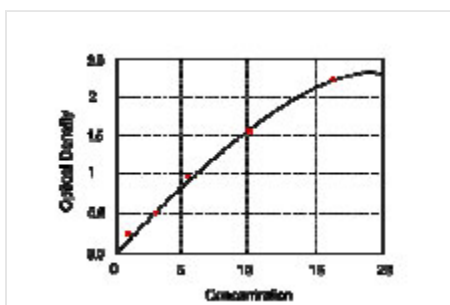
PRODUCT SYNONYMS

Heat Shock 70kDa Protein 4 (HSPA4); Human Heat Shock 70kDa Protein 4 (HSPA4) ELISA Kit; HSPA4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1572
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.05-20ng/ml
Sensitivity	0.018ng/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 HSPA4 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Heat Shock 70kDa Protein 4 (also known as HSPA4) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human HSPA4 antibody. HSPA4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human HSPA4 Antibody is added and binds to HSPA4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HSPA4 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 HSPA4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	358253431
Molecular Weight	178,546 Da
NCBI Official Full Name	heat shock 70kDa protein 4, partial
UniProt Protein Name	Heat shock 70kDa protein 4
UniProt Gene Name	CLF_109378

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-70kda-protein-4-hspa4/42904>