

Human heat shock 70kDa protein 1B ELISA Kit | HSPA1B elisa kit

Human Heat Shock Protein 70, HSP-70 ELISA Kit

CATALOG #
AAA79688

REACTIVITY
Human

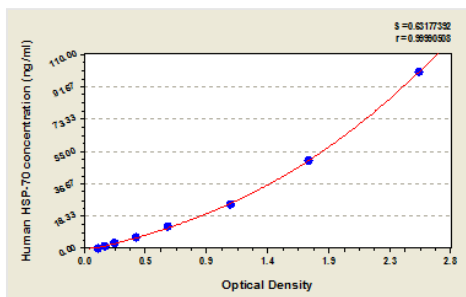
PRODUCT SYNONYMS

heat shock 70kDa protein 1B; Human Heat Shock Protein 70; HSP-70 ELISA Kit; DAAP-21F2.7; FLJ54328; HSP70-1B; HSP70-2; HSPA1A; heat shock 70kD protein 1B; HSPA1B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human Hpt. No significant cross-reactivity or interference between human Hpt and analogues was observed.
Sequence Length	641
Samples	Serum, Plasma, Urine
Assay Type	Quantitative Sandwich
Detection Range	1.563 ng/ml-100 ng/ml
Sensitivity	1.044 ng/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 HSPA1B elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for Hpt has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Hpt present is bound by the immobilized antibody. After removing any unbound substances, a Horseradish Peroxidase (HRP)-conjugated antibody specific for Hpt is added to the wells. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Hpt bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	73853769
NCBI GeneID	282254
NCBI Accession #	NP_976067.2
NCBI GenBank Nucleotide #	NM_203322.2
UniProt Accession #	Q27965; Q28122; Q3ZBV7
Molecular Weight	70,228 Da
NCBI Official Full Name	heat shock 70 kDa protein 1B
NCBI Official Symbol	HSPA1A
NCBI Official Synonym Symbols	HSPA2; HSPA1B; HSP70-2
NCBI Protein Information	heat shock 70 kDa protein 1B; HSP70.2; chaperone; heat shock 70 kD protein 2; 70 kda heat shock protein-2; heat shock 70 kDa protein 2; heat shock 70kDa protein 1B; heat-shock 70-kilodalton protein 1B
UniProt Protein Name	Heat shock 70 kDa protein 1B
UniProt Gene Name	HSPA1B
UniProt Synonym Gene Names	HSP70-2; HSP70.2
UniProt Entry Name	HS71B_BOVIN

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.