

Mouse Heat Shock Protein 60 ELISA Kit | HSP-60 elisa kit

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CATALOG #
AAA101149

REACTIVITY
Mouse

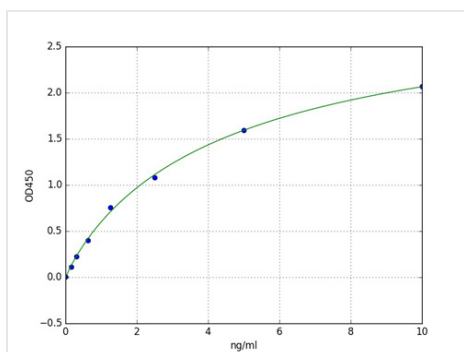
PRODUCT SYNONYMS

Heat Shock Protein 60; Mouse Heat Shock Protein 60 ELISA Kit; HSP-60/HSPD1 (Heat Shock Protein 60)/cpn60/GROEL/SPG13/60 kDa chaperonin/Chaperonin 60/heat shock 60kD protein 1 (chaperonin); HSP-60 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	577
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
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)

Typical Data & Standard Curve
Results of a typical standard run of a Mouse HSP-60 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.028	0.067	0.098	0.165	0.303	0.724	1.314	2.173

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSP-60 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse HSP- 60antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse HSP-60 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin 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 Mouse HSP-60 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse HSP-60can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15229559
NCBI GeneID	821983
NCBI Accession #	NP_189041.1
NCBI GenBank Nucleotide #	NM_113304.4
Molecular Weight	61,281 Da
NCBI Official Full Name	heat shock protein 60
NCBI Official Symbol	HSP60
NCBI Official Synonym Symbols	heat shock protein 60; HEAT SHOCK PROTEIN 60-3B; HSP60; HSP60-3B
NCBI Protein Information	heat shock protein 60
UniProt Protein Name	Chaperonin CPN60, mitochondrial
UniProt Gene Name	CPN60
UniProt Entry Name	CH60A_ARATH

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/hsp-60-mouse-elisa-kits/heat-shock-protein-60/101149>