

Human 60 kDa heat shock protein, mitochondrial ELISA Kit | HSPD1/HSP-60 elisa kit

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CATALOG #
AAA100151

REACTIVITY
Human

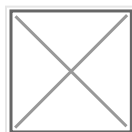
PRODUCT SYNONYMS

60 kDa heat shock protein; mitochondrial; Human 60 kDa heat shock protein; mitochondrial ELISA Kit; HSP-60/HSPD1 (Heat Shock Protein 60)/cpn60/GROEL/SPG13/60 kDa chaperonin/Chaperonin 60/heat shock 60kD protein 1 (chaperonin)/Heat shock protein 60/heat shock protein 65/HLD4/Hsp60/HSP65/HuCHA60/P60 lymphocyte protein/short heat shock protein 60 Hsp60s1/spastic paraplegia 13 (autosomal dominant); HSPD1/HSP-60 elisa kit

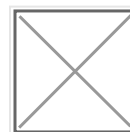
PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	573
Assay Type	Sandwich ELISA, Double Antibody
Samples	cell or tissue lysate, Other liquid samples
Detection Range	1.563-100ng/ml
Sensitivity	0.938ng/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)



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSPD1/HSP-60 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human HSP-60/HSPD1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human HSP-60/HSPD1 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. 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 Human HSP-60/HSPD1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human HSP-60/HSPD1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542947
NCBI GeneID	3329
NCBI Accession #	NP_002147.2

NCBI GenBank Nucleotide #	NM_002156.4
Molecular Weight	17,100 Da
NCBI Official Full Name	60 kDa heat shock protein, mitochondrial
NCBI Official Synonym Full Names	heat shock protein family D (Hsp60) member 1
NCBI Official Symbol	HSPD1
NCBI Official Synonym Symbols	HLD4; CPN60; GROEL; HSP60; HSP65; SPG13; HSP-60; HuCHA60
NCBI Protein Information	60 kDa heat shock protein, mitochondrial
UniProt Protein Name	60 kDa heat shock protein, mitochondrial
UniProt Gene Name	HSPD1
UniProt Synonym Gene Names	HSP60; CPN60; HSP-60; Hsp60
UniProt Entry Name	CH60_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/hspd1-hsp-60-human-elisa-kits/60-kda-heat-shock-protein-mitochondrial/100151>