

Mouse Heat Shock 60kD Protein 1, Chaperonin (HSPD1) RTU ELISA Kit | HSPD1 rtu elisa kit

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CATALOG # AAA71280	REACTIVITY Mouse
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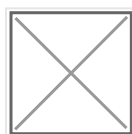
PRODUCT SYNONYMS

Heat Shock 60kD Protein 1; Chaperonin (HSPD1); Mouse Heat Shock 60kD Protein 1; Chaperonin (HSPD1) ELISA Kit; HSP60; GROEL; CPN60; HuCHA60; Heat Shock Protein 60; Spastic Paraplegia 13; Autosomal Dominant; 60 kDa chaperonin; Mitochondrial matrix protein P1; P61 lymphocyte protein; HSPD1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	573
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	0.234-15ng/mL
Sensitivity	0.11ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSPD1 rtu elisa kit	Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HSPD1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HSPD1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain HSPD1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of HSPD1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	183396771
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NCBI GeneID	15510
NCBI Accession #	NP_034607.3
NCBI GenBank Nucleotide #	NM_010477.4
UniProt Accession #	P63038 ; P19226 ; P19227 ; P97602 ; Q3KQP2 ; Q3UIP0 ; Q8C2C7 ; Q8VEF4
Molecular Weight	27,015 Da
NCBI Official Full Name	60 kDa heat shock protein, mitochondrial
NCBI Official Synonym Full Names	heat shock protein 1 (chaperonin)
NCBI Official Symbol	Hspd1
NCBI Official Synonym Symbols	60kDa; CPN60; Hsp60; HSP-60; HSP-65
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

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/mouse-rtu-elisa-kits/heat-shock-60kd-protein-1-chaperonin-hspd1/71280>