

Mouse heat shock protein 27 ELISA Kit | HSP-27 elisa kit

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CATALOG #
AAA101072

REACTIVITY
Mouse

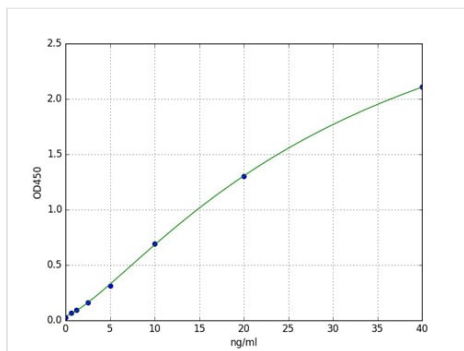
PRODUCT SYNONYMS

heat shock protein 27; Mouse heat shock protein 27 ELISA Kit; HSP27 (Heat Shock Protein 27)/HSP-27/HSPB1; HSP-27 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	213
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.625-40ng/ml
Sensitivity	0.375ng/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 HSP27 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	0.625	1.25	2.5	5	10	20	40
Y	OD450	0.012	0.175	0.325	0.556	0.975	1.443	1.881	2.153

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSP-27 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse HSP27 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse HSP27 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 HSP27 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse HSP27 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

665410143

NCBI GeneID	39078
NCBI Accession #	NP_001287001.1
NCBI GenBank Nucleotide #	NM_001300072.1
Molecular Weight	23,617 Da
NCBI Official Full Name	heat shock protein 27, isoform B
NCBI Official Synonym Full Names	Heat shock protein 27
NCBI Official Symbol	Hsp27
NCBI Official Synonym Symbols	27; 27K; 28; anon-WO0140519.69; CG4466; Dhsp27; DmeICG4466; DmHsp27; DmHSP27; hsp 27; Hsp 27; hsp-27; hsp26; hsp27; HSP27; hsp27/26; hsp28; Hsp28; HSP28; small hsp locus 67B
NCBI Protein Information	CG4466 gene product from transcript CG4466-RB
UniProt Protein Name	Heat shock protein 27
UniProt Gene Name	Hsp27
UniProt Entry Name	HSP27_DROME

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-27-mouse-elisa-kits/heat-shock-protein-27/101072>