

Mouse HSP-70 ELISA Kit | HSP-70 elisa kit

Mouse HSP-70 (Heat Shock Protein 70) ELISA Kit

CATALOG #
AAA164084

REACTIVITY
Mouse

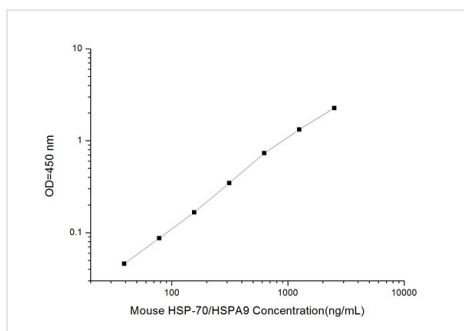
PRODUCT SYNONYMS

HSP-70; Mouse HSP-70 (Heat Shock Protein 70) ELISA Kit; HSP-70 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse HSP-70. No significant cross-reactivity or interference between Mouse HSP-70 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Mouse HSP-70 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	660
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	39.063-2500pg/mL
Sensitivity	Min: 23.438pg/mL; Max: 2500pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSP-70 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of HSP-70 in Mouse serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse HSP-70. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Mouse HSP-70 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse HSP-70, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Mouse HSP-70. You can calculate the concentration of Mouse HSP-70 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15605121
NCBI GeneID	884718
NCBI Accession #	NP_219906.1
NCBI GenBank Nucleotide #	NC_000117.1
UniProt Accession #	P17821; O84401; P16896; Q46400
Molecular Weight	70,824 Da
NCBI Official Full Name	chaperone protein DnaK
NCBI Official Symbol	dnaK
NCBI Protein Information	chaperone protein DnaK
UniProt Protein Name	Chaperone protein DnaK
UniProt Gene Name	dnaK
UniProt Entry Name	DNAK_CHLTR

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/hsp-70/164084>