

Rat Heat shock 70 kDa protein 1A/1B ELISA Kit | Hspa1a elisa kit

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CATALOG #
AAA195024

REACTIVITY
Rat

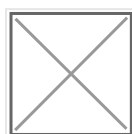
PRODUCT SYNONYMS

Heat shock 70 kDa protein 1A/1B; Rat Heat shock 70 kDa protein 1A/1B ELISA Kit; Heat shock 70 kDa protein 1/2; HSP70-1/HSP70-2; HSP70.1/HSP70.2; Hspa1a; Hsp70-1; Hspa1; Hspa1a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural ratHeat shock 70 kDa protein 1A/1B. No significant cross-reactivity or interference was observed.
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.078 ng/mL
Intra-Assay CV	<=4.5%
Inter-Assay CV	<=7.9%
Recovery	90%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Hspa1a elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of ratHeat shock 70 kDa protein 1A/1B concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Heat shock 70 kDa protein 1A/1B. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Heat shock 70 kDa protein 1A/1B and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Heat shock 70 kDa protein 1A/1B, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Heat shock 70 kDa protein 1A/1B in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	55977739
NCBI GeneID	24472
UniProt Accession #	Q07439
NCBI Official Synonym Full Names	heat shock 70kD protein 1A
NCBI Official Symbol	Hspa1a
NCBI Official Synonym Symbols	HSP72; Hspa1; Hspa1b; Hsp70-1
NCBI Protein Information	heat shock 70 kDa protein 1A/1B

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/hspa1a-rat-elisa-kits/heat-shock-70-kda-protein-1a-1b/195024>