

Rat Heat Shock 70kDa Protein 1A (HSPA1A) RTU ELISA Kit | HSPA1A rtu elisa kit

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CATALOG #
AAA71253

REACTIVITY
Rat

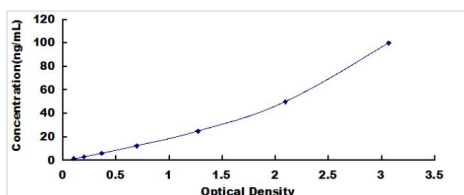
PRODUCT SYNONYMS

Heat Shock 70kDa Protein 1A (HSPA1A); Rat Heat Shock 70kDa Protein 1A (HSPA1A) ELISA Kit; HSP70-1; HSP-A1A; HSPA1; HSP70-2; HSX70; HSPA1A rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	641
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	1.56-100ng/mL
Sensitivity	0.54ng/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 HSPA1A rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HSPA1A. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HSPA1A. 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 HSPA1A, 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 HSPA1A in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1049480095
NCBI GeneID	108348108
NCBI Accession #	NP_001316825.1
NCBI GenBank Nucleotide #	NM_001329896.1
UniProt Accession #	P0DMW1; P42853; Q07439; Q63256
Molecular Weight	70,185 Da
NCBI Official Full Name	heat shock 70 kDa protein 1A
NCBI Official Synonym Full Names	heat shock 70 kDa protein 1A
NCBI Official Symbol	LOC108348108
NCBI Official Synonym Symbols	HSP70
NCBI Protein Information	heat shock 70 kDa protein 1A
UniProt Protein Name	Heat shock 70 kDa protein 1B
UniProt Gene Name	Hspa1b
UniProt Synonym Gene Names	Hsp70-2; Hspa2; HSP70-1; HSP70.1

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/rat-rtu-elisa-kits/heat-shock-70kda-protein-1a-hspa1a/71253>