

Human Heat Shock 70kDa Protein 2 (HSPA2) RTU ELISA Kit | HSPA2 rtu elisa kit

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CATALOG #
AAA71256

REACTIVITY
Human

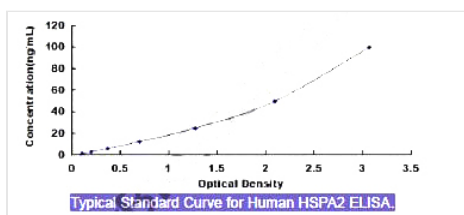
PRODUCT SYNONYMS

Heat Shock 70kDa Protein 2 (HSPA2); Human Heat Shock 70kDa Protein 2 (HSPA2) ELISA Kit; HSP-A2; Heat shock-related 70 kDa protein 2; HSPA2 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HSPA2. No significant cross-reactivity or interference between HSPA2 and analogues was observed.
Sequence Length	639
Samples	Human tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	1.56-100ng/mL
Sensitivity	< 0.69ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level HSPA2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level HSPA2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
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 HSPA2 rtu elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of HSPA2 in human tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HSPA2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HSPA2. 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 HSPA2, 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 +/- 10nm. The concentration of HSPA2 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 #	13676857
NCBI GeneID	3306
NCBI Accession #	NP_068814.2
NCBI GenBank Nucleotide #	NM_021979.3
UniProt Accession #	P54652; Q15508; Q53XM3; Q9UE78
Molecular Weight	70,021 Da
NCBI Official Full Name	heat shock-related 70 kDa protein 2
NCBI Official Synonym Full Names	heat shock protein family A (Hsp70) member 2
NCBI Official Symbol	HSPA2
NCBI Official Synonym Symbols	HSP70-2; HSP70-3
NCBI Protein Information	heat shock-related 70 kDa protein 2
UniProt Protein Name	Heat shock-related 70 kDa protein 2
UniProt Gene Name	HSPA2
UniProt Synonym Gene Names	Heat shock 70 kDa protein 2

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://www.aaabiotech.com/human-rtu-elisa-kits/heat-shock-70kda-protein-2-hspa2/71256>