

Rat Heat Shock 70kDa Protein 8 (HSPA8) RTU ELISA Kit | HSPA8 rtu elisa kit

Rat Heat Shock 70kDa Protein 8 (HSPA8) ELISA Kit

CATALOG #
AAA71262

REACTIVITY
Rat

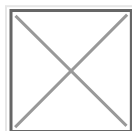
PRODUCT SYNONYMS

Heat Shock 70kDa Protein 8 (HSPA8); Rat Heat Shock 70kDa Protein 8 (HSPA8) ELISA Kit; LAP1; HSC54; HSC70; HSC71; HSP71; HSPA10; NIP71; HSP73; Heat shock cognate 71 kDa protein; Lipopolysaccharide-associated protein 1; LPS-associated protein 1; HSPA8 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of HSPA8. No significant cross-reactivity or interference between HSPA8 and analogues was observed.
Sequence Length	646
Samples	Serum, plasma or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	< 0.103ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level HSPA8 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 HSPA8 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 HSPA8 rtu elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of HSPA8 in rat serum, plasma or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HSPA8. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HSPA8. 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 HSPA8, 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 HSPA8 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	13242237
NCBI GeneID	24468
NCBI Accession #	NP_077327.1
NCBI GenBank Nucleotide #	NM_024351.2
UniProt Accession #	P63018; P08109; P12225; Q4FZY7; Q62373; Q62374; Q62375
Molecular Weight	70,871 Da
NCBI Official Full Name	heat shock cognate 71 kDa protein
NCBI Official Synonym Full Names	heat shock protein family A (Hsp70) member 8
NCBI Official Symbol	Hspa8
NCBI Official Synonym Symbols	Hsc70
NCBI Protein Information	heat shock cognate 71 kDa protein
UniProt Protein Name	Heat shock cognate 71 kDa protein
UniProt Gene Name	Hspa8
UniProt Synonym Gene Names	Hsc70; Hsc73

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-8-hspa8/71262>