

Monkey Heat Shock 70kDa Protein 4 ELISA Kit | HSPA4 elisa kit

Monkey Heat Shock 70kDa Protein 4 ELISA Kit

CATALOG # AAA94311	REACTIVITY Monkey
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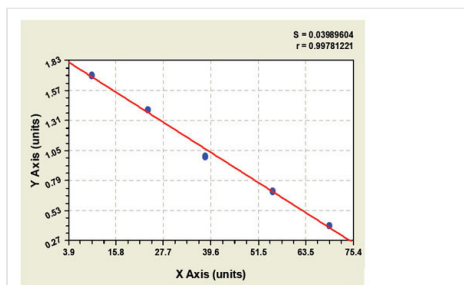
PRODUCT SYNONYMS

Heat Shock 70kDa Protein 4; Monkey Heat Shock 70kDa Protein 4 ELISA Kit; HSPA4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This HSPA4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey HSPA4. This ELISA kit for research use only, not for therapeutic applications
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSPA4 elisa kit

Principle of the Assay: HSPA4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-HSPA4 antibody and an HSPA4-HRP conjugate. The assay sample and buffer are incubated together with HSPA4-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the HSPA4 concentration since HSPA4 from samples and HSPA4-HRP conjugate compete for the anti-HSPA4 antibody binding site. Since the number of sites is limited, as more sites are occupied by HSPA4 from the sample, fewer sites are left to bind HSPA4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HSPA4 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for HSPA4 elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	116496805
NCBI GeneID	3308
Molecular Weight	94,331 Da
NCBI Official Full Name	Heat shock 70kDa protein 4
NCBI Official Synonym Full Names	heat shock 70kDa protein 4
NCBI Official Symbol	HSPA4
NCBI Official Synonym Symbols	RY; APG-2; HSPH2; hsp70; hsp70RY; HEL-S-5a; HS24/P52
NCBI Protein Information	heat shock 70 kDa protein 4; hsp70 RY; heat shock 70kD protein 4; heat shock protein, 110 kDa; heat shock 70-related protein APG-2; epididymis secretory sperm binding protein Li 5a
UniProt Protein Name	Heat shock 70 kDa protein 4
UniProt Gene Name	HSPA4
UniProt Synonym Gene Names	APG2
UniProt Entry Name	HSP74_HUMAN

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/hspa4-monkey-elisa-kits/heat-shock-70kda-protein-4/94311>