

Goat Heat Shock 70kDa Protein 1 Like Protein ELISA Kit | HSPA1L elisa kit

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CATALOG #
AAA95982

REACTIVITY
Goat

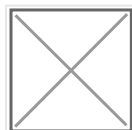
PRODUCT SYNONYMS

Heat Shock 70kDa Protein 1 Like Protein; Goat Heat Shock 70kDa Protein 1 Like Protein ELISA Kit; HSPA1L elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This HSPA1L ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat HSPA1L. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSPA1L elisa kit

Principle of the Assay: HSPA1L ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-HSPA1L antibody and an HSPA1L-HRP conjugate. The assay sample and buffer are incubated together with HSPA1L-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 HSPA1L concentration since HSPA1L from samples and HSPA1L-HRP conjugate compete for the anti-HSPA1L antibody binding site. Since the number of sites is limited, as more sites are occupied by HSPA1L from the sample, fewer sites are left to bind HSPA1L-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HSPA1L concentration in each sample is interpolated from this standard curve.

Product Categories/Family for HSPA1L elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	124256496
NCBI GeneID	3305
NCBI Accession #	NP_005518.3
NCBI GenBank Nucleotide #	NM_005527.3
Molecular Weight	70,375 Da
NCBI Official Full Name	heat shock 70 kDa protein 1-like
NCBI Official Synonym Full Names	heat shock 70kDa protein 1-like
NCBI Official Symbol	HSPA1L
NCBI Official Synonym Symbols	HSP70T; hum70t; HSP70-1L; HSP70-HOM
NCBI Protein Information	heat shock 70 kDa protein 1-like; heat shock 70 kDa protein 1L; heat shock 70kD protein-like 1; heat shock 10kDa protein 1-like; heat shock 70 kDa protein 1-Hom
UniProt Protein Name	Heat shock 70 kDa protein 1-like
UniProt Gene Name	HSPA1L
UniProt Synonym Gene Names	Heat shock 70 kDa protein 1L; HSP70-Hom
UniProt Entry Name	HS71L_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/hspa1l-goat-elisa-kits/heat-shock-70kda-protein-1-like-protein/95982>