

Goat Heat Shock Protein 40 ELISA Kit | HSP40 elisa kit

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CATALOG #
AAA89935

REACTIVITY
Goat

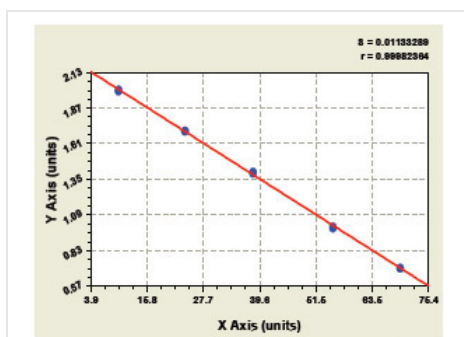
PRODUCT SYNONYMS

Heat Shock Protein 40; Goat Heat Shock Protein 40 ELISA Kit; HSP40 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This HSP40 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat HSP40. 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 HSP40 elisa kit

Principle of the Assay: HSP40 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-HSP40 antibody and an HSP40-HRP conjugate. The assay sample and buffer are incubated together with HSP40-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 HSP40 concentration since HSP40 from samples and HSP40-HRP conjugate compete for the anti-HSP40 antibody binding site. Since the number of sites is limited, as more sites are occupied by HSP40 from the sample, fewer sites are left to bind HSP40-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HSP40 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for HSP40 elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	60592743
Molecular Weight	38,927 Da
NCBI Official Full Name	Hsp40
UniProt Protein Name	Hsp40
UniProt Gene Name	Hsp40
UniProt Entry Name	Q5CCL5_BOMMO

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/hsp40-goat-elisa-kits/heat-shock-protein-40/89935>