

Monkey Heat Shock Protein 70 ELISA Kit | HSP70 elisa kit

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CATALOG #
AAA92057

REACTIVITY
Monkey

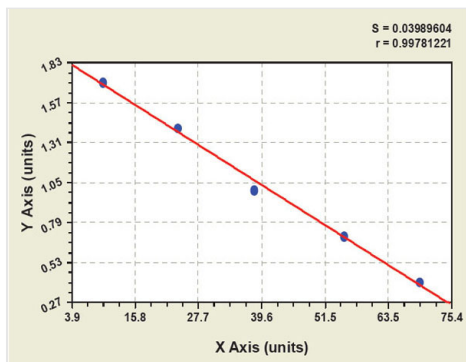
PRODUCT SYNONYMS

Heat Shock Protein 70; Monkey Heat Shock Protein 70 ELISA Kit; HSP70 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 HSP70 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey HSP70. 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 HSP70 elisa kit

Principle of the assay: HSP70 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-HSP70 antibody and an HSP70-HRP conjugate. The assay sample and buffer are incubated together with HSP70-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 the color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the HSP70 concentration since HSP70 from samples and HSP70-HRP conjugate compete for the anti-HSP70 antibody binding site. Since the number of sites is limited, as more sites are occupied by HSP70 from the sample, fewer sites are left to bind HSP70-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HSP70 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	476003
Molecular Weight	67,016 Da
NCBI Official Full Name	HSP70
UniProt Protein Name	HSP70
UniProt Entry Name	Q40058_HORVU

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/hsp70-monkey-elisa-kits/heat-shock-protein-70/92057>