

Monkey Heat Shock Protein 47 ELISA Kit | HSP47 elisa kit

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CATALOG #
AAA90380

REACTIVITY
Monkey

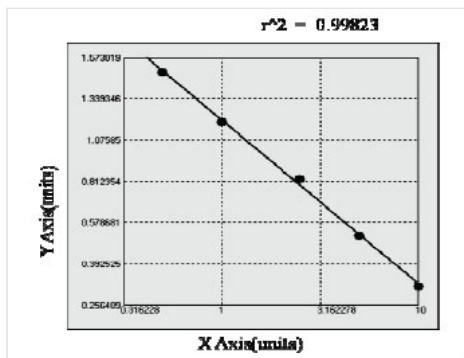
PRODUCT SYNONYMS

Heat Shock Protein 47; Monkey Heat Shock Protein 47 ELISA Kit; HSP47 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This HSP 47 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey HSP 47. 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 HSP47 elisa kit

Principle of the Assay: HSP 47 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-HSP 47 antibody and an HSP 47-HRP conjugate. The assay sample and buffer are incubated together with HSP 47-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 HSP 47 concentration since HSP 47 from samples and HSP 47-HRP conjugate compete for the anti-HSP 47 antibody binding site. Since the number of sites is limited, as more sites are occupied by HSP 47 from the sample, fewer sites are left to bind HSP 47-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HSP 47 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	147900279
NCBI GeneID	379951
NCBI Accession #	NP_001080259.1
NCBI GenBank Nucleotide #	NM_001086790.1
NCBI Official Full Name	heat shock protein 47
NCBI Official Symbol	hsp47
NCBI Protein Information	heat shock protein 47

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/hsp47-monkey-elisa-kits/heat-shock-protein-47/90380>