

Porcine Heat Shock Protein 60 ELISA Kit | Hsp60 elisa kit

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CATALOG #
AAA91403

REACTIVITY
Porcine

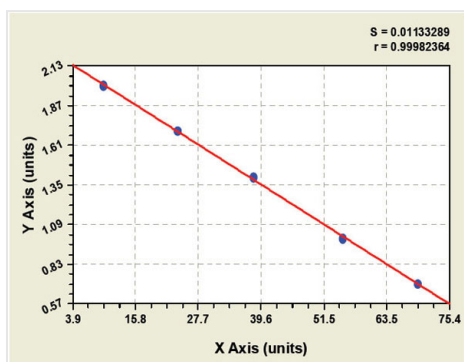
PRODUCT SYNONYMS

Heat Shock Protein 60; Porcine Heat Shock Protein 60 ELISA Kit; Hsp60 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This HSP60 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine HSP60. 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 Hsp60 elisa kit

Principle of the Assay: HSP60 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-HSP60 antibody and an HSP60-HRP conjugate. The assay sample and buffer are incubated together with HSP60-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 HSP60 concentration since HSP60 from samples and HSP60-HRP conjugate compete for the anti-HSP60 antibody binding site. Since the number of sites is limited, as more sites are occupied by HSP60 from the sample, fewer sites are left to bind HSP60-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HSP60 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for Hsp60 elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	85542006
Molecular Weight	11,600 Da
NCBI Official Full Name	Hsp60, partial
UniProt Protein Name	Hsp60
UniProt Gene Name	hsp60
UniProt Entry Name	Q27YW8_9STRE

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/hsp60-porcine-elisa-kits/heat-shock-protein-60/91403>