

Bovine Heat Shock Protein 60 ELISA Kit | Hsp60 elisa kit

Bovine Heat Shock Protein 60 ELISA Kit

CATALOG #
AAA92225

REACTIVITY
Bovine

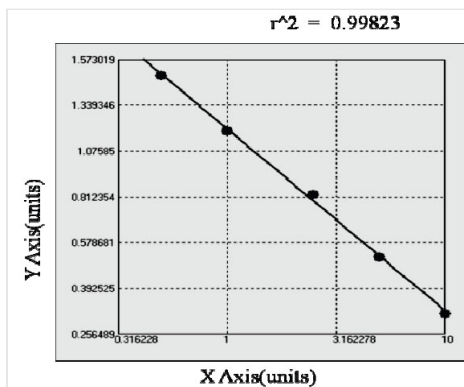
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This HSP60 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine HSP60. This ELISA kit for research use only, not for therapeutic applications
Intended Uses	This HSP60 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine 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.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/hsp60-bovine-ovine-elisa-kits/heat-shock-protein-60/92225>