

Goat Heat Shock Transcription Factor 2 ELISA Kit | HSF2 elisa kit

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CATALOG #
AAA91385

REACTIVITY
Goat

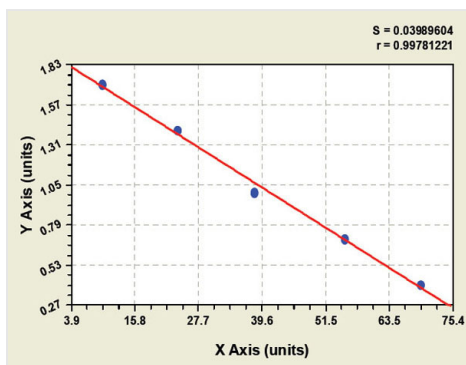
PRODUCT SYNONYMS

Heat Shock Transcription Factor 2; Goat Heat Shock Transcription Factor 2 ELISA Kit; HSF2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSF2 elisa kit

Intended Uses: This HSF2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat HSF2. This ELISA kit for research use only!

Principle of the Assay: HSF2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-HSF2 antibody and an HSF2-HRP conjugate. The assay sample and buffer are incubated together with HSF2-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 HSF2 concentration since HSF2 from samples and HSF2-HRP conjugate compete for the anti-HSF2 antibody binding site. Since the number of sites is limited, as more sites are occupied by HSF2 from the sample, fewer sites are left to bind HSF2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HSF2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for HSF2 elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	340745278
NCBI GeneID	3298
NCBI Accession #	NP_001230023.1
NCBI GenBank Nucleotide #	NM_001243094.1
Molecular Weight	58,293 Da
NCBI Official Full Name	heat shock factor protein 2 isoform c
NCBI Official Synonym Full Names	heat shock transcription factor 2
NCBI Official Symbol	HSF2
NCBI Official Synonym Symbols	HSF 2; HSTF 2
NCBI Protein Information	heat shock factor protein 2
UniProt Protein Name	Heat shock factor protein 2
UniProt Gene Name	HSF2
UniProt Synonym Gene Names	HSTF2; HSF 2; HSTF 2
UniProt Entry Name	HSF2_HUMAN

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/hsf2-goat-elisa-kits/heat-shock-transcription-factor-2/91385>