

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

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CATALOG #
AAA98519

REACTIVITY
Rat

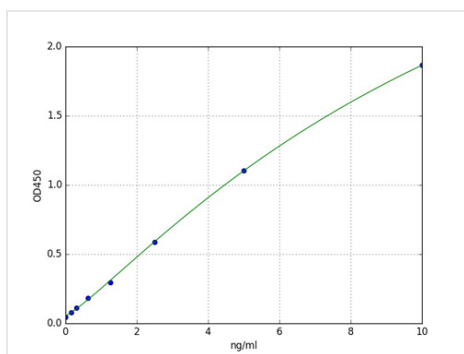
PRODUCT SYNONYMS

Heat Shock Transcription Factor 2; Rat Heat Shock Transcription Factor 2 ELISA Kit; HSF2/HSTF2/heat shock factor 2/heat shock factor protein 2/heat shock transcription factor 2MGC75048/HSF 2/HSTF 2/HSTF2; HSF2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	536
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat HSF2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.071	0.138	0.215	0.341	0.546	1.152	1.639	1.919

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSF2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat HSF2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat HSF2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat HSF2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat HSF2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	111306548
NCBI GeneID	3298
Molecular Weight	58,293 Da
NCBI Official Full Name	Heat shock transcription factor 2
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-rat-elisa-kits/heat-shock-transcription-factor-2/98519>