

Human Signal transducer and activator of transcription 5A ELISA Kit | STAT5A elisa kit

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CATALOG #
AAA99332

REACTIVITY
Human

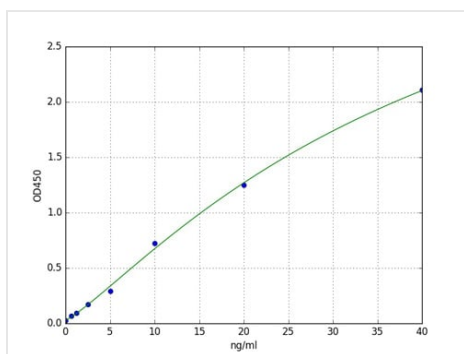
PRODUCT SYNONYMS

Signal transducer and activator of transcription 5A; Human Signal transducer and activator of transcription 5A ELISA Kit; STAT5A (Signal Transducer and Activator of Transcription 5A)/MGF/STAT5; STAT5A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	793
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.625-40ng/ml
Sensitivity	0.375ng/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)

Results of a typical standard run of a human STAT5A 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	0.625	1.25	2.5	5	10	20	40
Y	OD450	0.028	0.066	0.098	0.164	0.357	0.717	1.214	2.242

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for STAT5A elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-human STAT5A antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-human STAT5A 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 human STAT5A amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of human STAT5A can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	8394373
NCBI GeneID	24918
NCBI Accession #	NP_058760.1
NCBI GenBank Nucleotide #	NM_017064.1
Molecular Weight	84,970 Da
NCBI Official Full Name	signal transducer and activator of transcription 5A
NCBI Official Synonym Full Names	signal transducer and activator of transcription 5A
NCBI Official Symbol	Stat5a
NCBI Official Synonym Symbols	Stat5
NCBI Protein Information	signal transducer and activator of transcription 5A
UniProt Protein Name	Signal transducer and activator of transcription 5A
UniProt Gene Name	Stat5a
UniProt Synonym Gene Names	Mgf
UniProt Entry Name	STA5A_RAT

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/stat5a-human-elisa-kits/signal-transducer-and-activator-of-transcription-5a/99332>