

Mouse Signal Transducer And Activator Of Transcription 1 ELISA Kit | STAT1 elisa kit

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CATALOG #
AAA97896

REACTIVITY
Mouse

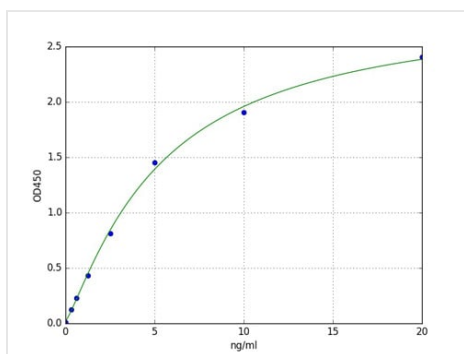
PRODUCT SYNONYMS

Signal Transducer And Activator Of Transcription 1; Mouse Signal Transducer And Activator Of Transcription 1 ELISA Kit; STAT1/CANDF7/ISGF-3/STAT91/DKFZp686B04100/ISGF-3; 91kD/signal transducer and activator of transcription 1; 91kDa/signal transducer and activator of transcription-1; STAT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	750
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/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 Mouse STAT1 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	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.013	0.217	0.358	0.636	1.134	1.466	1.628	2.046

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for STAT1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse STAT1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse STAT1 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 Mouse STAT1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse STAT1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	281313277
NCBI GeneID	6772
Molecular Weight	83,043 Da
NCBI Official Full Name	signal transducer and activator of transcription 1
NCBI Official Synonym Full Names	signal transducer and activator of transcription 1
NCBI Official Symbol	STAT1
NCBI Official Synonym Symbols	CANDF7; IMD31A; IMD31B; IMD31C; ISGF-3; STAT91
NCBI Protein Information	signal transducer and activator of transcription 1-alpha/beta
UniProt Protein Name	Signal transducer and activator of transcription 1-alpha/beta
UniProt Gene Name	STAT1
UniProt Entry Name	STAT1_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/stat1-mouse-elisa-kits/signal-transducer-and-activator-of-transcription-1/97896>