

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

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CATALOG # AAA129641	REACTIVITY Mouse
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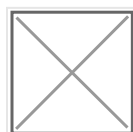
PRODUCT SYNONYMS

Signal Transducer And Activator Of Transcription 1 (STAT1); Mouse Signal Transducer And Activator Of Transcription 1 (STAT1) ELISA Kit; STAT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	750
Samples	Serum, plasma, tissue homogenates and other biological fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL The standard curve concentrations used for the ELISA's were 10ng/mL, 5ng/mL, 2.5ng/mL, 1.25ng/mL, 0.625ng/mL, 0.313ng/mL, 0.156ng/mL
Sensitivity	0.063ng/mL
Preparation and Storage	For unopened kit, all the reagents should be kept according to the label on each vial. The Standard, Detection Reagent A, Detection Reagent B and the 96-well strip plate should be stored at -20 degree C while others should be at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for STAT1 elisa kit	Principle of the assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to STAT1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to STAT1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain STAT1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of STAT1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	281313277
NCBI GeneID	6772
UniProt Accession #	P42224 ; Q53S88 ; Q53XW4 ; Q68D00 ; Q9UDL5 ; A8K989 ; B2RCA0 ; D2KFR8 ; D3DPI7

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, 91kDa
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; signal transducer and activator of transcription 1, 91kD; signal transducer and activator of transcription-1; transcription factor ISGF-3 components p91/p84
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/mouse-elisa-kits/signal-transducer-and-activator-of-transcription-1-stat1/129641>