Mouse Stat5b (Signal transducer and activator of transcription 5B) ELISA Kit | Stat5b elisa kit

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CATALOG #	REACTIVITY
AAA250181	**Mouse**

PRODUCT SYNONYMS

Stat5b (Signal transducer and activator of transcription 5B); Mouse Stat5b (Signal transducer and activator of transcription 5B) ELISA Kit; Signal transducer and activator of transcription 5B; Stat5b; Stat5b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Stat5b. No significant cross-reactivity or interference between Stat5b and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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

ADDITIONAL INFORMATION

Related Product Information for Stat5b elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	165932366
NCBI GeneID	20851
NCBI Accession #	NP_035619
NCBI GenBank Nucleotide #	NM_011489.3
UniProt Accession #	P42232; Q541Q5; Q60804; Q8K3Q1; Q9JKM1; Q9R0X8; A2A5D5
Molecular Weight	90,002 Da

NCBI Official Full Name	signal transducer and activator of transcription 5B
NCBI Official Synonym Full Names	signal transducer and activator of transcription 5B
NCBI Official Symbol	Stat5b
NCBI Protein Information	signal transducer and activator of transcription 5B
UniProt Protein Name	Signal transducer and activator of transcription 5B
UniProt Gene Name	**Stat5b**
UniProt Entry Name	STA5B_MOUSE

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/stat5b-signal-transducer-and-activator-of-transcription-5b/250181