

Mouse Signal Transducer And Activator Of Transcription 5A (STAT5A) ELISA Kit | STAT5A elisa kit

Mouse Signal Transducer And Activator Of Transcription 5A (STAT5A) ELISA Kit

CATALOG # AAA332277	REACTIVITY Mouse
-------------------------------	----------------------------

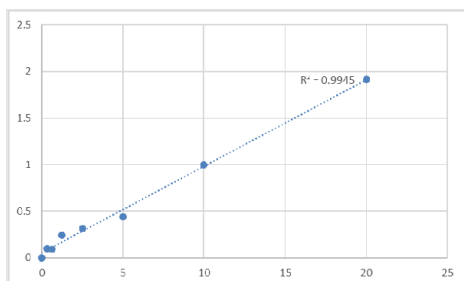
PRODUCT SYNONYMS

Signal Transducer And Activator Of Transcription 5A (STAT5A); Mouse Signal Transducer And Activator Of Transcription 5A (STAT5A) ELISA Kit; STAT5A; MGF; STAT5; STAT5A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Signal transducer and activator of transcription 5A (STAT5A) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse STAT5A. No significant cross-reactivity or interference between Mouse STAT5A and analogues was observed.
Sequence Length	793
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Mouse Signal transducer and activator of transcription 5A (STAT5A) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for STAT5A elisa kit	Description: This Mouse Signal transducer and activator of transcription 5A (STAT5A) ELISA Kit employs a two-site sandwich ELISA to quantitate STAT5A in samples. An antibody specific for STAT5A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any STAT5A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for STAT5A is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of STAT5A bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: STAT5A is a member of the STAT family of transcription factors. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. This protein is activated by, and mediates the responses of many cell ligands, such as IL2, IL3, IL7 GM-CSF, erythropoietin, thrombopoietin, and different growth hormones. Activation of this protein in myeloma and lymphoma associated with a TEL/JAK2 gene fusion is independent of cell stimulus and has been shown to be essential for the tumorigenesis. The mouse counterpart of this gene is found to induce the expression of BCL2L1/BCL-X(L), which suggests the antiapoptotic function of this gene in cells.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	1174463
NCBI GeneID	20850
UniProt Accession #	P42230
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; AA959963
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; Mpf

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/signal-transducer-and-activator-of-transcription-5a-stat5a/332277>