Sheep Signal Transducer And Activator Of Transcription 5A ELISA Kit | STAT5A elisa kit

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CATALOG #	REACTIVITY
AAA96078	**Sheep**

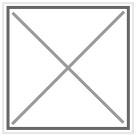
PRODUCT SYNONYMS

Signal Transducer And Activator Of Transcription 5A; Sheep Signal Transducer And Activator Of Transcription 5A ELISA Kit; STAT5A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for STAT5A elisa kit	**Principle of the assay:** STAT5A ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-STAT5A antibody and an STAT5A-HRP conjugate. The assay sample and buffer are incubated together with STAT5A-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the STAT5A concentration since STAT5A from samples and STAT5A-HRP conjugate compete for the anti-STAT5A antibody binding site. Since the number of sites is limited, as more sites are occupied by STAT5A from the sample, fewer sites are left to bind STAT5A-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The STAT5A concentration in each sample is interpolated from this standard curve.
Product Categories/Family for STAT5A elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	21618342
NCBI GeneID	6776
NCBI Accession #	NP_003143.2
NCBI GenBank Nucleotide #	NM_003152.3

Molecular Weight	86,949 Da
NCBI Official Full Name	signal transducer and activator of transcription 5A isoform 1
NCBI Official Synonym Full Names	signal transducer and activator of transcription 5A
NCBI Official Symbol	STAT5A
NCBI Official Synonym Symbols	MGF; 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	STAT5
UniProt Entry Name	STA5A_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/stat5a-sheep-elisa-kits/signal-transducer-and-activator-of-transcription-5a/96078