Rabbit Signal Transducer And Activator Of Transcription 6 ELISA Kit | STAT6 elisa kit

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CATALOG #	REACTIVITY
AAA83396	**Rabbit**

PRODUCT SYNONYMS

Signal Transducer And Activator Of Transcription 6; Rabbit Signal Transducer And Activator Of Transcription 6 ELISA Kit; STAT6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for STAT6 elisa kit	Intended Uses: This STAT6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit STAT6. This ELISA kit for research use only! Principle of the Assay: STAT6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-STAT6 antibody and an STAT6-HRP conjugate. The assay sample and buffer are incubated together with STAT6-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 STAT6 concentration since STAT6 from samples and STAT6-HRP conjugate compete for the anti-STAT6 antibody binding site. Since the number of sites is limited, as more sites are occupied by STAT6 from the sample, fewer sites are left to bind STAT6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The STAT6 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for STAT6 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	23397678

NCBI GeneID	6778
NCBI Accession #	NP_003144.3
NCBI GenBank Nucleotide #	NM_003153.4
Molecular Weight	81,748 Da
NCBI Official Full Name	signal transducer and activator of transcription 6 isoform 1
NCBI Official Synonym Full Names	signal transducer and activator of transcription 6, interleukin-4 induced
NCBI Official Symbol	STAT6
NCBI Official Synonym Symbols	STAT6B; STAT6C; D12S1644; IL-4-STAT
NCBI Protein Information	signal transducer and activator of transcription 6; STAT, interleukin4-induced; transcription factor IL-4 STAT
UniProt Protein Name	Signal transducer and activator of transcription 6
UniProt Gene Name	**STAT6**
UniProt Entry Name	STAT6_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/stat6-rabbit-elisa-kits/signal-transducer-and-activator-of-transcription-6/83396