

Monkey Signal Transducer And Activator Of Transcription 2 ELISA Kit | STAT2 elisa kit

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CATALOG # AAA92827	REACTIVITY Monkey
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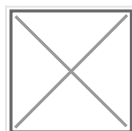
PRODUCT SYNONYMS

Signal Transducer And Activator Of Transcription 2; Monkey Signal Transducer And Activator Of Transcription 2 ELISA Kit; STAT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This STAT2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey STAT2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for STAT2 elisa kit	Principle of the Assay: STAT2 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for IL-1. Standards or samples are then added to the microtiter plate wells and STAT2 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of STAT2 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for STAT2 are added to each well to "sandwich" the STAT2 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain STAT2 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The STAT2 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for STAT2 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	1293920
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NCBI GeneID	6773
Molecular Weight	97,457 Da
NCBI Official Full Name	Stat2
NCBI Official Synonym Full Names	signal transducer and activator of transcription 2, 113kDa
NCBI Official Symbol	STAT2
NCBI Official Synonym Symbols	P113; ISGF-3; STAT113
NCBI Protein Information	signal transducer and activator of transcription 2; interferon alpha induced transcriptional activator; signal transducer and activator of transcription 2, 113kD
UniProt Protein Name	Signal transducer and activator of transcription 2
UniProt Gene Name	STAT2
UniProt Entry Name	STAT2_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/stat2-monkey-elisa-kits/signal-transducer-and-activator-of-transcription-2/92827>