

Human Signal transducer and activator of transcription 3 ELISA Kit | STAT3 elisa kit

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CATALOG # AAA99557	REACTIVITY Human
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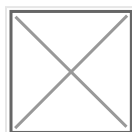
PRODUCT SYNONYMS

Signal transducer and activator of transcription 3; Human Signal transducer and activator of transcription 3 ELISA Kit; STAT3 (Signal Transducer and Activator of Transcription 3)/Acute-phase response factor/APRFMGC16063/DNA-binding protein APRF/HIES; STAT3 elisa kit

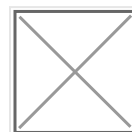
PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	770
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
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

IMAGES



Standard Curve (Sample)



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for STAT3 elisa kit	Principle of the Assay This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human STAT3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human STAT3 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin 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 Human STAT3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human STAT3 can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6981592
NCBI GeneID	25125
NCBI Accession #	NP_036879.1
NCBI GenBank Nucleotide #	NM_012747.2

Molecular Weight	88,040 Da
NCBI Official Full Name	signal transducer and activator of transcription 3
NCBI Official Synonym Full Names	signal transducer and activator of transcription 3 (acute-phase response factor)
NCBI Official Symbol	Stat3
NCBI Protein Information	signal transducer and activator of transcription 3
UniProt Protein Name	Signal transducer and activator of transcription 3
UniProt Gene Name	Stat3
UniProt Entry Name	STAT3_RAT

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/stat3-human-elisa-kits/signal-transducer-and-activator-of-transcription-3/99557>