

STAT3 elisa kit

Phospho-STAT3 (Ser727) Fluorometric Cell-Based ELISA Kit

CATALOG #
AAA315590

REACTIVITY
Human, Mouse, Rat

PRODUCT SYNONYMS

STAT3; Phospho-STAT3 (Ser727) Fluorometric Cell-Based ELISA Kit; Signal transducer and activator of transcription 3; Acute-phase response factor; APRF; STAT3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	The Anti-STAT3 (Phospho-Ser727) Antibody is a rabbit polyclonal antibody. It was tested on Western Blots for specificity. The data in Figure 2 shows that a single protein band was detected. This protein band can be blocked by the synthesized immunogen peptide.
Form/Format	Two 96-Well Plates
Sequence Length	769
Assay Type	Phospho Cell-Based ELISA
Reactivity Note	Human: S727, Mouse: S727, Rat: S727
Detection Method	Fluorometric
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for STAT3 elisa kit

Background: The Fluorometric Cell-Based ELISA Kit allows for the detection of various target proteins and the effects that certain stimulation conditions have on target protein expression in different cell lines. Qualitative determination of target protein concentration is achieved by an indirect ELISA format. In essence, the target protein is captured by target-specific primary (1 degree) antibodies while Dye 1-conjugated and Dye 2-conjugated secondary (2 degree) antibodies bind the Fc region of the 1 degree antibody. Through this binding, the dye conjugated to the 2 degree antibody can emit light at a certain wavelength given proper excitation, hence allowing for a fluorometric detection method. A monoclonal antibody specific for human GAPDH is included to serve as an internal positive control in normalizing the target RFU values. If a phosphorylated target is being detected, an antibody against the nonphosphorylated counterpart will be provided for normalization purposes. The RFU values obtained for the non-phosphorylated target can be used to normalize the RFU value for the phosphorylated target.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21618338
NCBI GeneID	6774
NCBI Accession #	NP_003141.2
NCBI GenBank Nucleotide #	NM_003150.3
UniProt Accession #	P40763 ; O14916 ; Q9BW54 ; A8K7B8 ; K7ENL3
Molecular Weight	88068
NCBI Official Full Name	signal transducer and activator of transcription 3 isoform 2

NCBI Official Synonym Full Names	signal transducer and activator of transcription 3
NCBI Official Symbol	STAT3
NCBI Official Synonym Symbols	APRF; HIES; ADMIO; ADMIO1
NCBI Protein Information	signal transducer and activator of transcription 3
UniProt Protein Name	Signal transducer and activator of transcription 3
UniProt Gene Name	STAT3

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/human-mouse-rat-elisa-kits/stat3/315590>