

Porcine Signal Transducer And Activator of Transcription 4 (STAT4) ELISA Kit | STAT4 elisa kit

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CATALOG #
AAA122723

REACTIVITY
Porcine

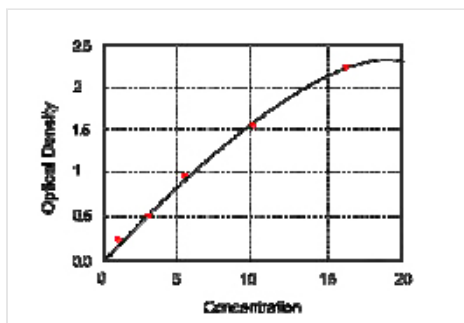
PRODUCT SYNONYMS

Signal Transducer And Activator of Transcription 4 (STAT4); Porcine Signal Transducer And Activator of Transcription 4 (STAT4) ELISA Kit; STAT4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Sequence Length	748
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml-60ng/ml
Sensitivity	0.092ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for STAT4 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Porcine Signal Transducer and Activator of Transcription 3 (also known as STAT3) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Porcine STAT3 antibody. STAT3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Porcine STAT3 Antibody is added and binds to STAT3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated STAT3 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Porcine STAT3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	345110660
NCBI GeneID	6775
NCBI Accession #	NP_001230764.1
NCBI GenBank Nucleotide #	NM_001243835.1
UniProt Accession #	Q14765
NCBI Official Full Name	signal transducer and activator of transcription 4
NCBI Official Synonym Full Names	signal transducer and activator of transcription 4
NCBI Official Symbol	STAT4
NCBI Official Synonym Symbols	SLEB11
NCBI Protein Information	signal transducer and activator of transcription 4
UniProt Protein Name	Signal transducer and activator of transcription 4
UniProt Gene Name	STAT4
UniProt Entry Name	STAT4_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/porcine-elisa-kits/signal-transducer-and-activator-of-transcription-4-stat4/122723>