Rat Suppressor of cytokine signaling 1 ELISA Kit | Socs1 elisa kit

Rat Suppressor of cytokine signaling 1 ELISA Kit

CATALOG #	REACTIVITY
AAA102467	**Rat**

PRODUCT SYNONYMS

Suppressor of cytokine signaling 1; Rat Suppressor of cytokine signaling 1 ELISA Kit; Socs1/CIS1/Cish1/JAB/SSI-1/TIP3/JABTec-interacting protein 3/JAK binding protein/JAK-binding protein/SOCS-1CIS1/SSI-1CISH1/SSI1cytokine-inducible SH2 protein 1/STAT induced SH3 protein 1/STAT-induced STAT inhibitor 1/suppressor of cytokine signaling 1/TIP-3/TIP3Cish1; Socs1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	211
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 Socs1 elisa kit	Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Socs1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Socs1 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. HRP-Streptavidin 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 Rat Socs1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Socs1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507233
NCBI GeneID	8651
NCBI Accession #	NP_003736.1
NCBI GenBank Nucleotide #	NM_003745.1

Molecular Weight	23,551 Da
NCBI Official Full Name	suppressor of cytokine signaling 1
NCBI Official Synonym Full Names	suppressor of cytokine signaling 1
NCBI Official Symbol	SOCS1
NCBI Official Synonym Symbols	JAB; CIS1; SSI1; TIP3; CISH1; SSI-1; SOCS-1
NCBI Protein Information	suppressor of cytokine signaling 1
UniProt Protein Name	Suppressor of cytokine signaling 1
UniProt Gene Name	**SOCS1**
UniProt Synonym Gene Names	SSI1; TIP3; SOCS-1; JAB; SSI-1; TIP-3
UniProt Entry Name	SOCS1_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/socs1-rat-elisa-kits/suppressor-of-cytokine-signaling-1/102467