

Mouse Suppressors Of Cytokine Signaling 1 (SOCS1) ELISA Kit | SOCS1 elisa kit

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CATALOG #
AAA68708

REACTIVITY
Mouse

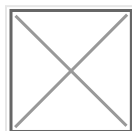
PRODUCT SYNONYMS

Suppressors Of Cytokine Signaling 1 (SOCS1); Mouse Suppressors Of Cytokine Signaling 1 (SOCS1) ELISA Kit; CIS1; CISH1; JAB; SOCS-1; SSI-1; SSI1; TIP3; JAK-binding protein; STAT-induced STAT inhibitor 1; Tec-interacting protein 3; SOCS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of SOCS1. No significant cross-reactivity or interference between SOCS1 and analogues was observed.
Sequence Length	212
Samples	Tissue homogenates, cell lysates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	<0.14ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SOCS1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SOCS1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SOCS1 elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of SOCS1 in mouse tissue homogenates, cell lysates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SOCS1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SOCS1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain SOCS1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of SOCS1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	409971432
NCBI GeneID	12703
NCBI Accession #	NP_001258532.1
NCBI GenBank Nucleotide #	NM_001271603.1
UniProt Accession #	O35716; O35960; Q3U3L0; A2RT46
Molecular Weight	23,715 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; Cish1; Cish7; 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	Cish1; Ssi1; SOCS-1; JAB; SSI-1

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/mouse-elisa-kits/suppressors-of-cytokine-signaling-1-socs1/68708>