Human Suppressors Of Cytokine Signaling 2 (SOCS2) ELISA Kit | SOCS2 elisa kit

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CATALOG #	REACTIVITY
AAA68709	**Human**

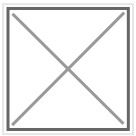
PRODUCT SYNONYMS

Suppressors Of Cytokine Signaling 2 (SOCS2); Human Suppressors Of Cytokine Signaling 2 (SOCS2) ELISA Kit; CIS2; Cish2; SOCS-2; SSI-2; SSI2; STATI2; Cytokine-inducible SH2 protein 2; STAT-induced STAT inhibitor 2; SOCS2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SOCS2. No significant cross-reactivity or interference between SOCS2 and analogues was observed.
Sequence Length	198
Samples	Tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	<0.059ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SOCS2 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 SOCS2 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 SOCS2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of SOCS2 in human tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SOCS2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SOCS2. 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 SOCS2, 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 SOCS2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	394582051
NCBI GeneID	8835
NCBI Accession #	NP_001257396.1
NCBI GenBank Nucleotide #	NM_001270467.1
UniProt Accession #	O14508; O14542; O95102; Q9UKS5; A8K3D1
Molecular Weight	22,172 Da
NCBI Official Full Name	suppressor of cytokine signaling 2
NCBI Official Synonym Full Names	suppressor of cytokine signaling 2
NCBI Official Symbol	SOCS2
NCBI Official Synonym Symbols	CIS2; SSI2; Cish2; SSI-2; SOCS-2; STATI2
NCBI Protein Information	suppressor of cytokine signaling 2
UniProt Protein Name	Suppressor of cytokine signaling 2
UniProt Gene Name	**SOCS2**
UniProt Synonym Gene Names	CIS2; SSI2; STATI2; SOCS-2; CIS-2; SSI-2

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-elisa-kits/suppressors-of-cytokine-signaling-2-socs2/68709