Human SOCS1 (Suppressor of Cytokine Signaling 1) ELISA Kit | SOCS1 elisa kit

Human SOCS1 (Suppressor of Cytokine Signaling 1) ELISA Kit

CATALOG #	REACTIVITY
AAA172666	**Human**

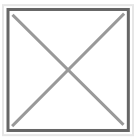
PRODUCT SYNONYMS

SOCS1 (Suppressor of Cytokine Signaling 1); Human SOCS1 (Suppressor of Cytokine Signaling 1) ELISA Kit; SOCS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human SOCS1 in samples. No significant cross-reactivity or interference between Human SOCS1 and analogues was observed.
Sequence Length	211
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.31-20ng/mL
Sensitivity	0.19ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human SOCS1 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human SOCS1 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SOCS1 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human SOCS1. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human SOCS1 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human SOCS1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Human SOCS1. You can calculate the concentration of Human SOCS1 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human SOCS1 concentrations in serum, plasma and other biological fluids.

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/human-elisa-kits/socs1-suppressor-of-cytokine-signaling-1/172666