

Human suppressor of cytokine signaling 3 ELISA Kit | SOCS3 elisa kit

Human suppressors of cytokine signaling 3, SOCS-3 ELISA Kit

CATALOG #
AAA15464

REACTIVITY
Human

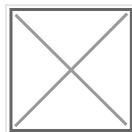
PRODUCT SYNONYMS

suppressor of cytokine signaling 3; Human suppressors of cytokine signaling 3; SOCS-3 ELISA Kit; ATOD4; CIS3; Cish3; MGC71791; SOCS-3; SSI-3; SSI3; STAT induced STAT inhibitor 3; cytokine-induced SH2 protein 3; SOCS3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human SMPDL3B. No significant cross-reactivity or interference between human SMPDL3B and analogues was observed.
Sequence Length	225
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates
Assay Type	Quantitative Sandwich
Detection Range	0.625 ng/ml-40 ng/ml
Sensitivity	0.156 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SOCS3 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SMPDL3B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SMPDL3B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SMPDL3B is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SMPDL3B bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	45439352
NCBI GeneID	9021
NCBI Accession #	NP_003946.3
NCBI GenBank Nucleotide #	NM_003955.4
UniProt Accession #	O14543; O14509
Molecular Weight	24,770 Da
NCBI Official Full Name	suppressor of cytokine signaling 3
NCBI Official Synonym Full Names	suppressor of cytokine signaling 3
NCBI Official Symbol	SOCS3
NCBI Official Synonym Symbols	CIS3; SSI3; ATOD4; Cish3; SSI-3; SOCS-3
NCBI Protein Information	suppressor of cytokine signaling 3; STAT-induced STAT inhibitor 3; cytokine-inducible SH2 protein 3
UniProt Protein Name	Suppressor of cytokine signaling 3
UniProt Gene Name	SOCS3
UniProt Synonym Gene Names	CIS3; SSI3; SOCS-3; CIS-3; SSI-3
UniProt Entry Name	SOCS3_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/socs3-human-elisa-kits/suppressor-of-cytokine-signaling-3/15464>