

Mouse Suppressors Of Cytokine Signaling 3 ELISA Kit | SOCS3 elisa kit

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CATALOG #
AAA16290

REACTIVITY
Mouse

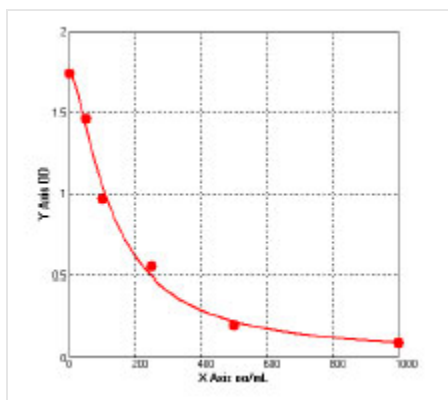
PRODUCT SYNONYMS

Suppressors Of Cytokine Signaling 3; Mouse Suppressors Of Cytokine Signaling 3 ELISA Kit; SOCS3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of SOCS-3. No significant cross-reactivity or interference between SOCS-3 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between SOCS-3 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SOCS3 elisa kit	Principle of the Assay: SOCS-3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-SOCS-3 antibody and an SOCS-3-HRP conjugate. The assay sample and buffer are incubated together with SOCS-3-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the SOCS-3 concentration since SOCS-3 from samples and SOCS-3-HRP conjugate compete for the anti-SOCS-3 antibody binding site. Since the number of sites is limited, as more sites are occupied by SOCS-3 from the sample, fewer sites are left to bind SOCS-3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SOCS-3 concentration in each sample is interpolated from this standard curve. Intended Uses: This SOCS-3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse SOCS-3. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for SOCS3 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	45439352
NCBI GeneID	9021
NCBI Accession #	NP_003946.3
NCBI GenBank Nucleotide #	NM_003955.4
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-mouse-elisa-kits/suppressors-of-cytokine-signaling-3/16290>