Human Suppressors Of Cytokine Signaling 3 (SOCS3) ELISA Kit | SOCS3 elisa kit

Human Suppressors Of Cytokine Signaling 3 (SOCS3) Mini Samples ELISA Kit

CATALOG #	REACTIVITY	APPLICATIONS
AAA188737	**Human**	**ELISA**

PRODUCT SYNONYMS

Suppressors Of Cytokine Signaling 3 (SOCS3); Human Suppressors Of Cytokine Signaling 3 (SOCS3) Mini Samples ELISA Kit; Suppressors Of Cytokine Signaling 3; ATOD4; CIS3; Cish3; MGC71791; SOCS-3; SSI-3; SSI3; Cytokine-inducible SH2 protein 3; STAT-induced STAT inhibitor 3; SOCS3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Mini Samples Suppressors Of Cytokine Signaling 3 (SOCS3). No significant cross-reactivity or interference between Mini Samples Suppressors Of Cytokine Signaling 3 (SOCS3) and analogues was observed.
Sequence Length	225
Assay Type	Double-antibody Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	15.6-1,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 6.1pg/mL
Applicable Applications for SOCS3 elisa kit	ELISA
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Mini Samples Suppressors Of Cytokine Signaling 3 (SOCS3) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Mini Samples Suppressors Of Cytokine Signaling 3 (SOCS3) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mini Samples Suppressors Of Cytokine Signaling 3 (SOCS3). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Mini Samples Suppressors Of Cytokine Signaling 3 (SOCS3). 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 Mini Samples Suppressors Of Cytokine Signaling 3 (SOCS3), 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 Mini Samples Suppressors Of Cytokine Signaling 3 (SOCS3) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #	45439352
NCBI GeneID	9021
NCBI Accession #	NP_003946.3
NCBI GenBank Nucleotide #	NP_003946.3
UniProt Accession #	O14543
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/human-elisa-kits/suppressors-of-cytokine-signaling-3-socs3/188737