

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

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CATALOG #
AAA151268

REACTIVITY
Bovine

PRODUCT SYNONYMS

Suppressors Of Cytokine Signaling 3 (SOCS3); Bovine Suppressors Of Cytokine Signaling 3 (SOCS3) ELISA Kit; SOCS3/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	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of SOCS3. No significant cross-reactivity or interference between SOCS3 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Bovine tissue homogenates, cell lysates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.117ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SOCS3 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 SOCS3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term(within shelf life) Shelf Life: 8 months 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.

ADDITIONAL INFORMATION

Related Product Information for SOCS3 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to SOCS3. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to 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 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 SOCS3 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SOCS3 in bovine tissue homogenates, cell lysates and other biological fluids.
Product Categories/Family for SOCS3 elisa kit	Signal transduction; Tumor immunity; Immune molecule; Hepatology

NCBI AND UNIPROT INFORMATION

NCBI GI #	27806151
NCBI GeneID	282081
NCBI Accession #	NP_776891.1
NCBI GenBank Nucleotide #	NM_174466.2
UniProt Accession #	Q9BEG9
Molecular Weight	25,134 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	SSI-3
NCBI Protein Information	suppressor of cytokine signaling 3; SOCS-3
UniProt Protein Name	Suppressor of cytokine signaling 3
UniProt Gene Name	SOCS3
UniProt Synonym Gene Names	SOCS-3
UniProt Entry Name	SOCS3_BOVIN

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://www.aaabiotech.com/bovine-ovine-elisa-kits/suppressors-of-cytokine-signaling-3-socs3/151268>