

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

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CATALOG #
AAA93099

REACTIVITY
Bovine

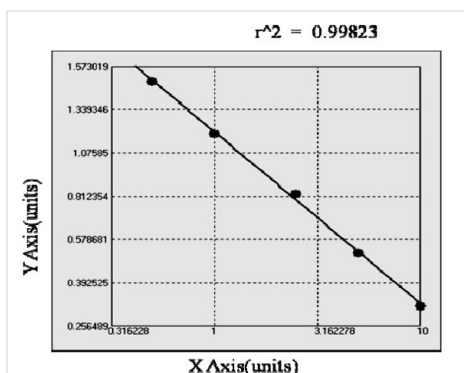
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This SOCS3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine SOCS3. This ELISA kit for research use only, not for therapeutic applications!
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: SOCS3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SOCS3 antibody and an SOCS3-HRP conjugate. The assay sample and buffer are incubated together with SOCS3-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 SOCS3 concentration since SOCS3 from samples and SOCS3-HRP conjugate compete for the anti-SOCS3 antibody binding site. Since the number of sites is limited, as more sites are occupied by SOCS3 from the sample, fewer sites are left to bind SOCS3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SOCS3 concentration in each sample is interpolated from this standard curve.

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-bovine-ovine-elisa-kits/suppressors-of-cytokine-signaling-3/93099>