

Mouse Sclerostin domain-containing protein 1 ELISA Kit | Sostdc1 elisa kit

Mouse Sclerostin domain-containing protein 1 ELISA Kit

CATALOG #
AAA101909

REACTIVITY
Mouse

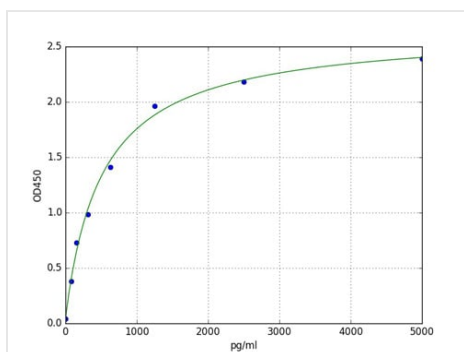
PRODUCT SYNONYMS

Sclerostin domain-containing protein 1; Mouse Sclerostin domain-containing protein 1 ELISA Kit; Sostdc1/CDA019/Ectodin/WISE/cystine-knot containing secreted protein/Ectodermal BMP inhibitor/USAG-1/USAG1/uterine sensitization-associated protein-1/Uterine sensitization-associated gene 1 protein; Sostdc1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	206
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse Sostdc1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.036	0.437	0.687	1.016	1.330	1.866	2.203	2.412

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Sostdc1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse Sostdc1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Sostdc1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse Sostdc1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Sostdc1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	23943785
NCBI GeneID	25928
NCBI Accession #	NP_056279.1
NCBI GenBank Nucleotide #	NM_015464.2
Molecular Weight	26,260 Da
NCBI Official Full Name	sclerostin domain-containing protein 1
NCBI Official Synonym Full Names	sclerostin domain containing 1
NCBI Official Symbol	SOSTDC1
NCBI Official Synonym Symbols	USAG1; CDA019; ECTODIN
NCBI Protein Information	sclerostin domain-containing protein 1
UniProt Protein Name	Sclerostin domain-containing protein 1
UniProt Gene Name	SOSTDC1
UniProt Synonym Gene Names	USAG1; Ectodin; USAG-1
UniProt Entry Name	SOSD1_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/sostdc1-mouse-elisa-kits/sclerostin-domain-containing-protein-1/101909>