

Human Syntenin-1 ELISA Kit | SDCBP elisa kit

Human Syntenin-1 ELISA Kit

CATALOG #
AAA17566

REACTIVITY
Human

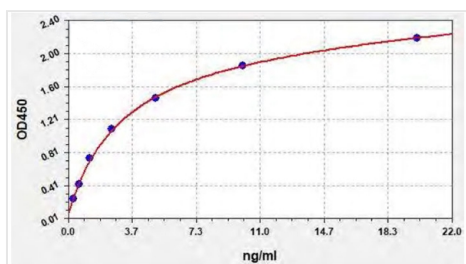
PRODUCT SYNONYMS

Syntenin-1; Human Syntenin-1 ELISA Kit; SDCBP/Syntenin-1/Syndecan-binding protein 1/Scaffold protein Pbp1/Melanoma differentiation-associated protein 9/MDA-9/Pro-TGF-alpha cytoplasmic domain-interacting protein 18/TACIP18/MDA9/SYCL/ST1; SDCBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Specifically recognize SDCBP, no obvious cross reaction with other analogues
Sequence Length	298
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
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)

ADDITIONAL INFORMATION

Related Product Information for SDCBP elisa kit	Background: Syntenin-1 is a multifunctional adapter protein that coordinates multiple cellular processes, including transmembrane protein trafficking, neural and immune regulation, exosome biogenesis, and tumorigenesis. It actively regulates TGFB1 signaling and enhances SMAD2/3 activation, TGFB1-induced epithelialmesenchymal transition (EMT), and cell migration. Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti SDCBP antibody was pre-coated onto the 96-well plate. The biotin conjugated anti SDCBP antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with SDCBP conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of SDCBP in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	56243522
NCBI GeneID	6386
NCBI Accession #	NP_005616.2
NCBI GenBank Nucleotide #	NM_005625.3
Molecular Weight	31,762 Da
NCBI Official Full Name	syntenin-1 isoform 1
NCBI Official Synonym Full Names	syndecan binding protein
NCBI Official Symbol	SDCBP
NCBI Official Synonym Symbols	ST1; MDA9; SYCL; MDA-9; TACIP18
NCBI Protein Information	syntenin-1
UniProt Protein Name	Syntenin-1
UniProt Gene Name	SDCBP
UniProt Synonym Gene Names	MDA9; SYCL; MDA-9; TACIP18
UniProt Entry Name	SDCB1_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/sdcbp-human-elisa-kits/syntenin-1/17566>