

Human syndecan 1 ELISA Kit | SDC1 elisa kit

Human Syndecan-1/CD138, SDC1 ELISA Kit

CATALOG #
AAA80813

REACTIVITY
Human

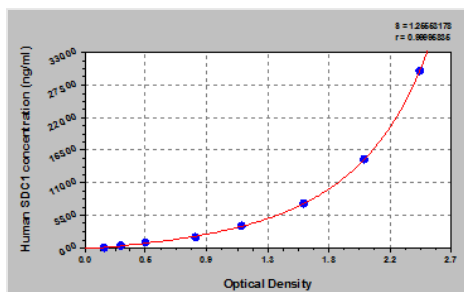
PRODUCT SYNONYMS

syndecan 1; Human Syndecan-1/CD138; SDC1 ELISA Kit; Human Syndecan-1/CD138 (SDC1) ELISA Kit; CD138; SDC; SYND1; syndecan; CD138 antigen; heparan sulfate proteoglycan fibroblast growth factor receptor; syndecan proteoglycan 1; SDC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human SDC1. No significant cross-reactivity or interference between human SDC1 and analogues was observed.
Sequence Length	310
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	4.7 ng/ml-300 ng/ml
Sensitivity	< 1.17 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SDC1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SDC1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SDC1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SDC1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SDC1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55749480
NCBI GeneID	6382
NCBI Accession #	NP_001006947.1
NCBI GenBank Nucleotide #	NM_001006946.1
UniProt Accession #	P18827; Q53QV0; Q546D3; Q96HB7; D6W523; AAB21434; AAB23935
Molecular Weight	32,462 Da
NCBI Official Full Name	syndecan-1
NCBI Official Synonym Full Names	syndecan 1
NCBI Official Symbol	SDC1
NCBI Official Synonym Symbols	SDC; CD138; SYND1; syndecan
NCBI Protein Information	syndecan-1; CD138 antigen; syndecan proteoglycan 1; heparan sulfate proteoglycan fibroblast growth factor receptor
UniProt Protein Name	Syndecan-1
UniProt Gene Name	SDC1
UniProt Synonym Gene Names	SDC; SYND1
UniProt Entry Name	SDC1_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/sdc1-human-elisa-kits/syndecan-1/80813>