

Rat Syndecan-1/CD138 (SDC1) ELISA Kit | SDC1 elisa kit

Rat Syndecan-1/CD138, SDC1 ELISA Kit

CATALOG #
AAA15822

REACTIVITY
Rat

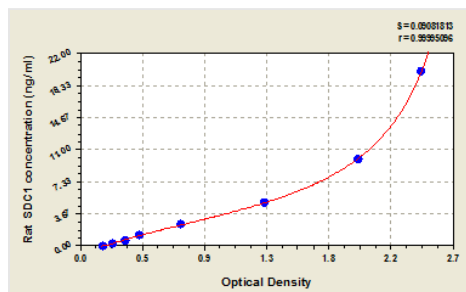
PRODUCT SYNONYMS

Syndecan-1/CD138 (SDC1); Rat Syndecan-1/CD138; SDC1 ELISA Kit; Rat 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	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat SDC1. No significant cross-reactivity or interference between rat SDC1 and analogues was observed.
Sequence Length	313
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	< 0.078 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 #	6981518
NCBI GeneID	25216
NCBI Accession #	NP_037158.1
NCBI GenBank Nucleotide #	NM_013026.2
UniProt Accession #	P26260
Molecular Weight	33,214 Da
NCBI Official Full Name	syndecan-1
NCBI Official Synonym Full Names	syndecan 1
NCBI Official Symbol	Sdc1
NCBI Official Synonym Symbols	HSPG; Synd1; SYNDECA; Syndecan
NCBI Protein Information	syndecan-1
UniProt Protein Name	Syndecan-1
UniProt Gene Name	Sdc1
UniProt Synonym Gene Names	Synd1; SYND1
UniProt Entry Name	SDC1_RAT

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/rat-elisa-kits/syndecan-1-cd138-sdc1/15822>