

Rat syndecan 2 ELISA Kit | SDC2 elisa kit

Rat Syndecan-2, SDC2 ELISA Kit

CATALOG #
AAA18219

REACTIVITY
Rat

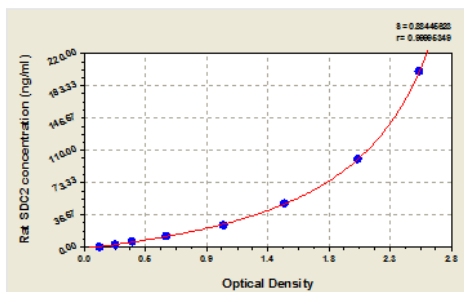
PRODUCT SYNONYMS

syndecan 2; Rat Syndecan-2; SDC2 ELISA Kit; Rat Syndecan-2 (SDC2) ELISA kit; HSPG; HSPG1; SYND2; cell surface-associated heparan sulfate proteoglycan 1; fibroglycan; heparan sulfate proteoglycan 1; cell surface-associated; heparan sulfate proteoglycan core protein; syndecan prot; SDC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat SDC2. No significant cross-reactivity or interference between rat SDC2 and analogues was observed.
Sequence Length	211
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	3.12 ng/ml-200 ng/ml
Sensitivity	< 0.78 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 SDC2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SDC2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SDC2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SDC2 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 SDC2 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 #	6981520
NCBI GeneID	25615
NCBI Accession #	NP_037214.1
NCBI GenBank Nucleotide #	NM_013082.3
UniProt Accession #	P34900
Molecular Weight	22,149 Da
NCBI Official Full Name	syndecan-2
NCBI Official Synonym Full Names	syndecan 2
NCBI Official Symbol	Sdc2
NCBI Official Synonym Symbols	HSPG
NCBI Protein Information	syndecan-2; SYND2; fibroglycan; Ryudocan/syndecan 2; heparan sulfate proteoglycan core protein
UniProt Protein Name	Syndecan-2
UniProt Gene Name	Sdc2
UniProt Synonym Gene Names	Hspg1; Synd2; SYND2; HSPG
UniProt Entry Name	SDC2_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/sdc2-rat-elisa-kits/syndecan-2/18219>