

Human Syndecan-2 (SDC2) ELISA Kit | SDC2 elisa kit

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CATALOG #
AAA330936

REACTIVITY
Human

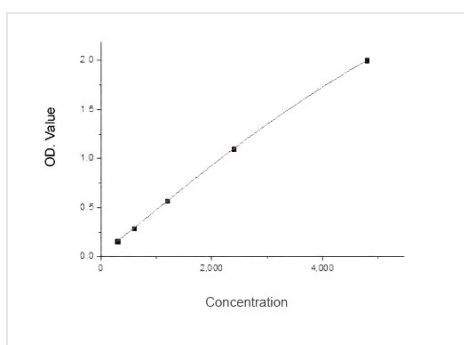
PRODUCT SYNONYMS

Syndecan-2 (SDC2); Human Syndecan-2 (SDC2) ELISA Kit; SDC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	201
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	300 pg/ml - 4800 pg/ml
Sensitivity	< 10pg/ml
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SDC2 elisa kit	Background: Syndecan-2 is a transmembrane (type I) heparan sulfate proteoglycan and is a member of the syndecan proteoglycan family. The syndecans mediate cell binding, cell signaling, and cytoskeletal organization and syndecan receptors are required for internalization of the HIV-1 tat protein. The syndecan-2 protein functions as an integral membrane protein and participates in cell proliferation, cell migration and cell-matrix interactions via its receptor for extracellular matrix proteins. Altered syndecan-2 expression has been detected in several different tumor types. By Southern hybridization to a panel of human-mouse somatic cell hybrid DNA and by in situ hybridization, Marynen et al. (1989) showed that the heparan sulfate proteoglycan core protein maps to 8q22-q24. Principle of the Assay: Human Syndecan-2 (SDC2) ELISA Kit employs a two-site sandwich ELISA to quantitate SDC2 in samples. An 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, HRP-Conjugated Human SDC2 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen 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 #	40548378
NCBI GeneID	6383
NCBI GenBank Nucleotide #	NP_002989.2
UniProt Accession #	P34741
NCBI Official Full Name	syndecan-2
NCBI Official Synonym Full Names	syndecan 2
NCBI Official Symbol	SDC2
NCBI Official Synonym Symbols	HSPG; CD362; HSPG1; SYND2
NCBI Protein Information	syndecan-2
UniProt Protein Name	Syndecan-2
UniProt Gene Name	SDC2
UniProt Synonym Gene Names	HSPG1; SYND2; HSPG
UniProt Entry Name	SDC2_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.