

Mouse Syndecan-2 ELISA Kit | Sdc2 elisa kit

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CATALOG #
AAA17372

REACTIVITY
Mouse

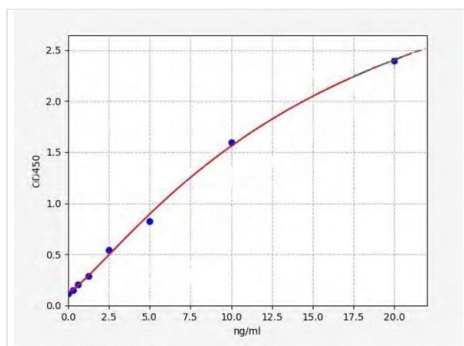
PRODUCT SYNONYMS

Syndecan-2; Mouse Syndecan-2 ELISA Kit; Sdc2/HSPG/CD362/Fibroglycan/HSPG1/SDC2/SYND2/CD362 antigen/Fibroglycan/fibroglycan/heparan sulfate proteoglycan 1; cell surface-associated/Heparan sulfate proteoglycan core protein/HSPG/HSPG1syndecan proteoglycan 2/SYND2cell surface-associated heparan sulfate proteoglycan 1/syndecan 2/syndecan-2; Sdc2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Sdc2. No significant cross-reactivity or interference between Sdc2 and analogues was observed.
Sequence Length	201
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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 Sdc2 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	40548378
NCBI GeneID	6383
NCBI Accession #	NP_002989.2
NCBI GenBank Nucleotide #	NM_002998.3
Molecular Weight	22,160 Da
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.