

Mouse syndecan 4 ELISA Kit | SDC4 elisa kit

Mouse syndecan 4, SDC4 ELISA Kit

CATALOG #
AAA112615

REACTIVITY
Mouse

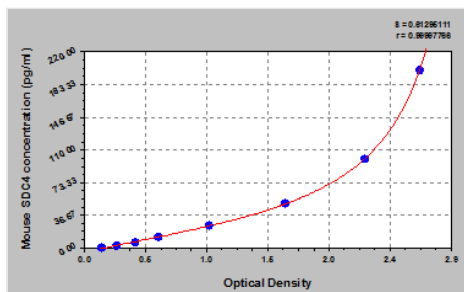
PRODUCT SYNONYMS

syndecan 4; Mouse syndecan 4; SDC4 ELISA Kit; Mouse syndecan 4 (SDC4) ELISA kit; MGC22217; SYND4; amphiglycan; ryudocan amphiglycan; ryudocan core protein; syndecan 4 (amphiglycan; ryudocan) ; syndecan proteoglycan 4; SDC4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse SDC4. No significant cross-reactivity or interference between mouse SDC4 and analogues was observed.
Sequence Length	198
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	3.12 pg/ml -200 pg/ml.
Sensitivity	The minimum detectable dose of mouse SDC4 is typically less than 0.78 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 SDC4 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SDC4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SDC4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SDC4 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 SDC4 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 #	6755442
NCBI GeneID	20971
NCBI Accession #	NP_035651.1
NCBI GenBank Nucleotide #	NM_011521.2
UniProt Accession #	O35988
Molecular Weight	21,482 Da
NCBI Official Full Name	syndecan-4
NCBI Official Synonym Full Names	syndecan 4
NCBI Official Symbol	Sdc4
NCBI Official Synonym Symbols	Synd4; AA959608; AW108331; ryudocan; syndecan-4
NCBI Protein Information	syndecan-4; ryudocan core protein
UniProt Protein Name	Syndecan-4
UniProt Gene Name	Sdc4
UniProt Synonym Gene Names	SYND4
UniProt Entry Name	SDC4_MOUSE

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/sdc4-mouse-elisa-kits/syndecan-4/112615>