

Chicken Syndecan 4 ELISA Kit | SDC4 elisa kit

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CATALOG #
AAA91266

REACTIVITY
Chicken

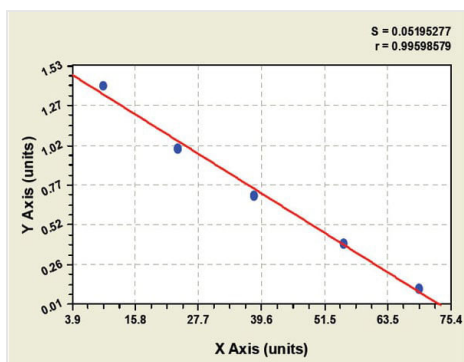
PRODUCT SYNONYMS

Syndecan 4; Chicken Syndecan 4 ELISA Kit; SDC4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This SDC4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken SDC4. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SDC4 elisa kit

Principle of the Assay: SDC4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SDC4 antibody and an SDC4-HRP conjugate. The assay sample and buffer are incubated together with SDC4-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the SDC4 concentration since SDC4 from samples and SDC4-HRP conjugate compete for the anti-SDC4 antibody binding site. Since the number of sites is limited, as more sites are occupied by SDC4 from the sample, fewer sites are left to bind SDC4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SDC4 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for SDC4 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	38201675
NCBI GeneID	6385
NCBI Accession #	NP_002990.2
NCBI GenBank Nucleotide #	NM_002999.3
UniProt Accession #	P31431; O00773; Q16833; Q53FN9; Q6FGN3
Molecular Weight	21,642 Da
NCBI Official Full Name	syndecan-4
NCBI Official Synonym Full Names	syndecan 4
NCBI Official Symbol	SDC4
NCBI Official Synonym Symbols	SYND4
NCBI Protein Information	syndecan-4; amphiglycan; ryudocan amphiglycan; ryudocan core protein; syndecan proteoglycan 4; syndecan 4 (amphiglycan, ryudocan)
UniProt Protein Name	Syndecan-4
UniProt Gene Name	SDC4
UniProt Synonym Gene Names	SYND4
UniProt Entry Name	SDC4_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.

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Online datasheet: <https://stage.aaabiotech.com/sdc4-chicken-elisa-kits/syndecan-4/91266>