

Rat Syndecan-3 (SDC3) ELISA Kit | SDC3 elisa kit

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CATALOG #
AAA27304

REACTIVITY
Rat

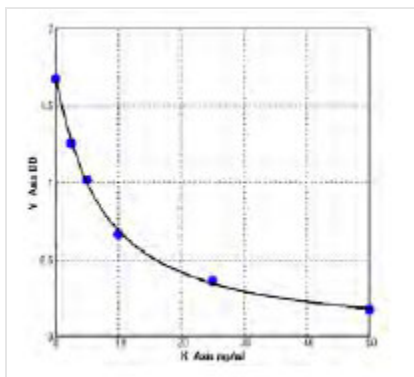
PRODUCT SYNONYMS

Syndecan-3 (SDC3); Rat Syndecan-3 (SDC3) ELISA Kit; SDC3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of SDC-3. No significant cross-reactivity or interference between SDC-3 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between SDC-3 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SDC3 elisa kit	Intended Uses: This SDC-3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat SDC-3. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: SDC-3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-SDC-3 antibody and an SDC-3-HRP conjugate. The assay sample and buffer are incubated together with SDC-3-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 SDC-3 concentration since SDC-3 from samples and SDC-3-HRP conjugate compete for the anti-SDC-3 antibody binding site. Since the number of sites is limited, as more sites are occupied by SDC-3 from the sample, fewer sites are left to bind SDC-3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SDC-3 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for SDC3 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	187960059
NCBI GeneID	9672
NCBI Accession #	NP_055469.3
NCBI GenBank Nucleotide #	NM_014654.3
Molecular Weight	45,497 Da
NCBI Official Full Name	syndecan-3
NCBI Official Synonym Full Names	syndecan 3
NCBI Official Symbol	SDC3
NCBI Official Synonym Symbols	SDCN; SYND3
NCBI Protein Information	syndecan-3; N-syndecan; syndecan neural type; syndecan proteoglycan 3
UniProt Protein Name	Syndecan-3
UniProt Gene Name	SDC3
UniProt Synonym Gene Names	KIAA0468; SYND3
UniProt Entry Name	SDC3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/syndecan-3-sdc3/27304>