

Mouse Syndecan 3 ELISA Kit | SDC3 elisa kit

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CATALOG #
AAA263405

REACTIVITY
Mouse

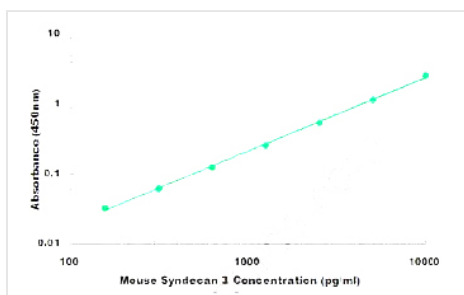
PRODUCT SYNONYMS

Syndecan 3; Mouse Syndecan 3 ELISA Kit; KIAA0468; Syndecan-3; SYND3; SDC3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse PCSK9 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse PCSK9 proteins within the range of 62.5 pg/ml-4000 pg/ml.
Sequence Length	442
Samples	Cell Culture Supernatants, Serum, Plasma
Sensitivity	10 pg/ml.
Preparation and Storage	Store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SDC3 elisa kit

Principle of the Assay: The AAA Biotech Mouse PCSK9 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse PCSK9 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Mouse PCSK9 coated on a 96-well plate. Standards and samples are pipetted into the wells and PCSK9 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse PCSK9 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of PCSK9 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm!!

Background/Introduction: Proprotein convertase subtilisin/kexin type 9, also known as PCSK9, is an enzyme that in humans is encoded by the PCSK9 gene. This gene encodes a proprotein convertase belonging to the proteinase K subfamily of the secretory subtilase family. By genomic sequence analysis, the PCSK9 gene was mapped to chromosome 1p32. This protein plays a major regulatory role in cholesterol homeostasis. PCSK9 binds to the epidermal growth factor-like repeat A (EGF-A) domain of the low-density lipoprotein receptor (LDLR), inducing LDLR degradation. Reduced LDLR levels result in decreased metabolism of low-density lipoproteins (LDL), which could lead to hypercholesterolemia. PCSK9 may also have a role in the differentiation of cortical neurons.

NCBI AND UNIPROT INFORMATION

NCBI GI #	42476310
NCBI GeneID	20970
NCBI Accession #	NP_035650.2
NCBI GenBank Nucleotide #	NM_011520.3
UniProt Accession #	Q64519; Q3UDD9; Q6ZQA4; Q7TQD4
Molecular Weight	46,002 Da
NCBI Official Full Name	syndecan-3
NCBI Official Synonym Full Names	syndecan 3
NCBI Official Symbol	Sdc3
NCBI Official Synonym Symbols	Synd3; syn-3; mKIAA0468
NCBI Protein Information	syndecan-3
UniProt Protein Name	Syndecan-3
UniProt Gene Name	Sdc3
UniProt Synonym Gene Names	Kiaa0468; SYND3

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/sdc3-mouse-elisa-kits/syndecan-3/263405>