

Rat proprotein convertase subtilisin/kexin type 9 ELISA Kit | PCSK9 elisa kit

Rat Proprotein convertase subtilisin/kexin type 9, PCSK9 ELISA Kit

CATALOG #
AAA112981

REACTIVITY
Rat

PRODUCT SYNONYMS

proprotein convertase subtilisin/kexin type 9; Rat Proprotein convertase subtilisin/kexin type 9; PCSK9 ELISA Kit; Rat Proprotein convertase subtilisin/kexin type 9 (PCSK9) ELISA kit; FH3; HCHOLA3; LDLCQ1; NARC-1; NARC1; convertase subtilisin/kexin type 9 preproprotein; neural apoptosis regulated convertase 1; PCSK9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat PCSK9. No significant cross-reactivity or interference between rat PCSK9 and analogues was observed.
Sequence Length	691
Assay Type	Competitive
Samples	Serum, plasma, tissue homogenates
Detection Range	93.75 pg/ml-6000 pg/ml
Sensitivity	< 46.88 pg/ml
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 PCSK9 elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with PCSK9. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for PCSK9. The competitive inhibition reaction is launched between with pre-coated PCSK9 and PCSK9 in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of PCSK9 in the sample. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	77020250
NCBI GeneID	298296
NCBI Accession #	NP_954862.2
NCBI GenBank Nucleotide #	NM_199253.2
UniProt Accession #	P59996; Q5I6U6
Molecular Weight	74,709 Da
NCBI Official Full Name	proprotein convertase subtilisin/kexin type 9
NCBI Official Synonym Full Names	proprotein convertase subtilisin/kexin type 9
NCBI Official Symbol	Pcsk9
NCBI Official Synonym Symbols	PC9; Narc1; NARC-1
NCBI Protein Information	proprotein convertase subtilisin/kexin type 9; proprotein convertase 9; proprotein convertase PC9; subtilisin/kexin-like protease PC9; neural apoptosis regulated convertase 1; neural apoptosis-regulated convertase 1
UniProt Protein Name	Proprotein convertase subtilisin/kexin type 9
UniProt Gene Name	Pcsk9
UniProt Synonym Gene Names	Narc1; NARC-1; PC9
UniProt Entry Name	PCSK9_RAT

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/pcsk9-rat-elisa-kits/proprotein-convertase-subtilisin-kexin-type-9/112981>