

Monkey Proprotein Convertase Subtilisin/Kexin Type 9 ELISA Kit | PCSK9 elisa kit

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CATALOG #
AAA96568

REACTIVITY
Monkey

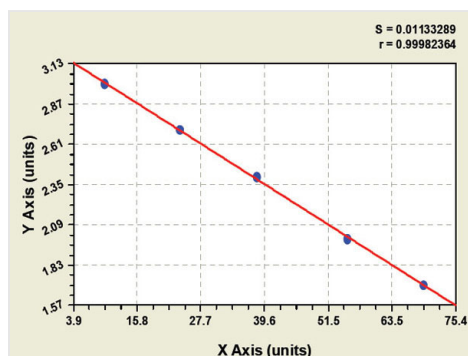
PRODUCT SYNONYMS

Proprotein Convertase Subtilisin/Kexin Type 9; Monkey Proprotein Convertase Subtilisin/Kexin Type 9 ELISA Kit; PCSK9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This PCSK9 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey PCSK9. 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 PCSK9 elisa kit

Principle of the assay: PCSK9 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PCSK9 antibody and an PCSK9-HRP conjugate. The assay sample and buffer are incubated together with PCSK9-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 PCSK9 concentration since PCSK9 from samples and PCSK9-HRP conjugate compete for the anti-PCSK9 antibody binding site. Since the number of sites is limited, as more sites are occupied by PCSK9 from the sample, fewer sites are left to bind PCSK9-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PCSK9 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31317307
NCBI GeneID	255738
NCBI Accession #	NP_777596.2
NCBI GenBank Nucleotide #	NM_174936.3
Molecular Weight	20,827 Da
NCBI Official Full Name	proprotein convertase subtilisin/kexin type 9 preproprotein
NCBI Official Synonym Full Names	proprotein convertase subtilisin/kexin type 9
NCBI Official Symbol	PCSK9
NCBI Official Synonym Symbols	FH3; PC9; NARC1; LDLCQ1; NARC-1; HCHOLA3
NCBI Protein Information	proprotein convertase subtilisin/kexin type 9; subtilisin/kexin-like protease PC9; neural apoptosis regulated convertase 1; convertase subtilisin/kexin type 9 preproprotein
UniProt Protein Name	Proprotein convertase subtilisin/kexin type 9
UniProt Gene Name	PCSK9
UniProt Synonym Gene Names	NARC1; PSEC0052; NARC-1; PC9
UniProt Entry Name	PCSK9_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/pcsk9-monkey-elisa-kits/proprotein-convertase-subtilisin-kexin-type-9/96568>