

Human Proprotein convertase subtilisin/kexin type 9 ELISA Kit | PCSK9 elisa kit

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CATALOG #
AAA98967

REACTIVITY
Human

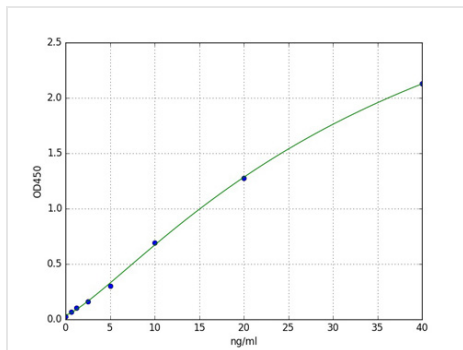
PRODUCT SYNONYMS

Proprotein convertase subtilisin/kexin type 9; Human Proprotein convertase subtilisin/kexin type 9 ELISA Kit; PCSK9 (Proprotein Convertase Subtilisin/Kexin Type 9)/Proprotein Convertase 9/FH3/HCHOLA3/NARC-1/PC9/HCHOLA3/LDLCQ1; PCSK9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	692
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.625-40ng/ml
Sensitivity	0.375ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human PCSK9 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.625	1.25	2.5	5	10	20	40
Y	OD450	0.019	0.180	0.311	0.575	0.959	1.439	1.882	2.132

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PCSK9 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human PCSK9 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PCSK9 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human PCSK9 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PCSK9can be calculated.

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
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_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-human-elisa-kits/protein-convertase-subtilisin-kexin-type-9/98967>