

Human PCSK9 ELISA Kit | PCSK9 elisa kit

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CATALOG #
AAA258373

REACTIVITY
Human

PRODUCT SYNONYMS

PCSK9; Human PCSK9 ELISA Kit; PCSK9 ELISA Kit; Human; proprotein convertase subtilisin/kexin type 9; FH3 ELISA Kit; HCHOLA3 ELISA Kit; LDLQC1 ELISA Kit; NARC-1 ELISA Kit; NARC1 ELISA Kit; PC9 ELISA Kit; PCSK9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	For the quantitative determination of Human PCSK9 concentration in serum and plasma.
Assay Type	Solid Phase Sandwich ELISA (quantitative)
Sample Types	Serum, Plasma
Detection Range	468.75-30000pg/mL
Sensitivity	132.17pg/mL
Conjugation	HRP
Interference	Preparations of human PCSK9 at 300ng/mL in a mid-range recombinant human PCSK9 control were assayed for interference. No significant interference was observed.
Materials Provided	96 well microplate coated with Capture Antibody - Detection Antibody conjugated to HRP - Standards - Wash Buffer Concentrate - Dilution Buffer Concentrate - Color Reagent A - Color Reagent B - Stop Solution

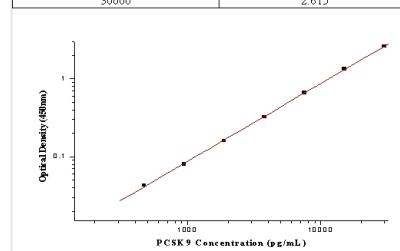
IMAGES

Recombinant human			
IL1	IL2	IL33	IL10
IL8	PDGF	TNF- α	IL4
IL6	IFN- γ	VEGF	MDP-1 β
TIMP1	TIMP2	GM-CSF	SCF
LDLR	PCSK1		
Recombinant mouse			
PCSK9			

Application Data

This assay recognizes both recombinant and natural Human PCSK9. The factors listed below were prepared at 300ng/mL in dilution buffer and assayed for cross-reactivity. No cross-reactivity was observed.

Concentration (pg/mL)	Zero standard subtracted OD
0	0
468.75	0.043
937.5	0.080
1875	0.160
3750	0.324
7500	0.665
15000	1.346
30000	2.615



Standard Curve (Sample)

This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.

ADDITIONAL INFORMATION

Related Product Information for PCSK9 elisa kit	This PCSK9 ELISA Kit, Human is an enzyme-linked immunosorbent assay for the quantitative measurement of Human PCSK9 protein in Serum, Plasma. It contains recombinant Human PCSK9, and antibodies raised against the recombinant protein. This ELISA kit is complete and ready-to-use. Background: Proprotein convertase subtilisin/kexin type 9 (PCSK9), also known as NARC1 (neural apoptosis regulated convertase), which is a newly identified human secretory subtilase belonging to the proteinase K subfamily of the secretory subtilase family. PCSK9 protein is an enzyme which in humans is encoded by the PCSK9 gene with orthologs found across many species. It is expressed in neuroepithelioma, colon carcinoma, hepatic and pancreatic cell lines, and in Schwann cells. PCSK9 protein is highly expressed in the liver and regulates low density lipoprotein receptor (LDLR) protein levels. Inhibition of PCSK9 protein function is currently being explored as a means of lowering cholesterol levels. Thereby, PCSK9 protein is regarded as a new strategy to treat hypercholesterolemia. PCSK9 protein contributes to cholesterol homeostasis and may have a role in the differentiation of cortical neurons.
References	Sseidah, N.G. et al., 2003, Proc. Natl. Acad. Sci. USA. 100: 928-933.Beyer, T.P. et al., 2007, J. Lipid. Res. 48: 1488-1498Shan, L. et al., 2008, Biochem. Biophys. Res. Commun. 375: 69-73.Benjannet, S. et al., 2005, J. Biol. Chem. 279: 48865-48875. Abifadel, M. et al., 2003, Nat. Genet. 34: 154-156.

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://www.aaabiotech.com/human-elisa-kits/pcsk9/258373>