

Human Proprotein Convertase Subtilisin/Kexin Type 5 (PCSK5) ELISA Kit | PCSK5 elisa kit

Human Proprotein Convertase Subtilisin/Kexin Type 5 (PCSK5) ELISA Kit

CATALOG #
AAA64530

REACTIVITY
Human

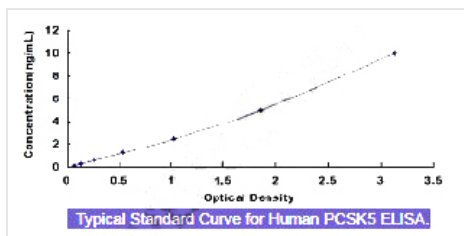
PRODUCT SYNONYMS

Proprotein Convertase Subtilisin/Kexin Type 5 (PCSK5); Human Proprotein Convertase Subtilisin/Kexin Type 5 (PCSK5) ELISA Kit; PC5; PC6; PC6A; SPC6; Subtilisin/kexin-like protease PC5; Proprotein convertase 5; PCSK5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PCSK5. No significant cross-reactivity or interference between PCSK5 and analogues was observed.
Sequence Length	1860
Samples	Human tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	<0.054ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PCSK5 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PCSK5 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PCSK5 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of PCSK5 in human tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PCSK5. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PCSK5. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PCSK5, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of PCSK5 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	299523015
NCBI GeneID	5125
NCBI Accession #	NP_001177411.1
NCBI GenBank Nucleotide #	NM_001190482.1
UniProt Accession #	Q92824; Q13527; Q96EP4; F5H2G7
Molecular Weight	101,649 Da
NCBI Official Full Name	proprotein convertase subtilisin/kexin type 5 isoform PC6B preproprotein
NCBI Official Synonym Full Names	proprotein convertase subtilisin/kexin type 5
NCBI Official Symbol	PCSK5
NCBI Official Synonym Symbols	PC5; PC6; PC6A; SPC6
NCBI Protein Information	proprotein convertase subtilisin/kexin type 5
UniProt Protein Name	Proprotein convertase subtilisin/kexin type 5
UniProt Gene Name	PCSK5
UniProt Synonym Gene Names	PC5; PC6; PC5; PC6; hPC6

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/human-elisa-kits/proprotein-convertase-subtilisin-kexin-type-5-pcsk5/64530>