

Human Neuroendocrine Convertase 1 (PCSK1) ELISA Kit | NEC1 elisa kit

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CATALOG #
AAA331454

REACTIVITY
Human

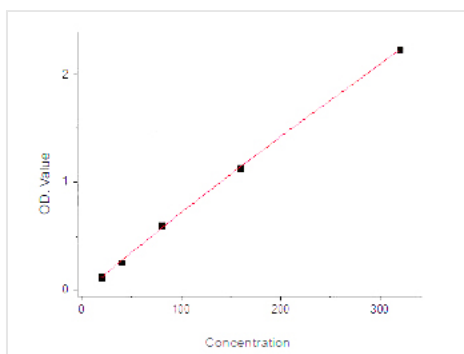
PRODUCT SYNONYMS

Neuroendocrine Convertase 1 (PCSK1); Human Neuroendocrine Convertase 1 (PCSK1) ELISA Kit; PCSK1; BMIQ12; PC1; PC3; SPC3; neuroendocrine convertase 1; prohormone convertase 1; prohormone convertase 3; proprotein convertase 1; NEC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	753
Assay Type	Sandwich
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NEC1 elisa kit

Principle of the Assay: Human Neuroendocrine Convertase 1 (PCSK1) ELISA Kit employs a two-site sandwich LISA to quantitate PCSK1 in samples. An antibody specific for PCSK1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PCSK1 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human PCSK1 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of PCSK1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Background/Introduction: PCSK1 is a serine protease involved in the proteolytic processing of a variety of protein precursors mainly neuropeptides and prohormones. The human and mouse PCSK1 genes are localized on chromosomes 5 and 13, respectively. The cleavage of these protein precursors is required for the mediation of their functions including the regulation of glucose homeostasis and food intake. The PCSK1 substrates that regulate these functions include proinsulin, proglucagon, proghrelin and proopiomelanocortin and others.

NCBI AND UNIPROT INFORMATION

NCBI GI # [116242674](#)

NCBI GeneID	5122
UniProt Accession #	P29120
NCBI Official Full Name	Neuroendocrine convertase 1
NCBI Official Synonym Full Names	proprotein convertase subtilisin/kexin type 1
NCBI Official Symbol	PCSK1
NCBI Official Synonym Symbols	PC1; PC3; NEC1; SPC3; BMIQ12
NCBI Protein Information	neuroendocrine convertase 1
UniProt Protein Name	Neuroendocrine convertase 1
UniProt Gene Name	PCSK1
UniProt Synonym Gene Names	NEC1; NEC 1; PC1
UniProt Entry Name	NEC1_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.

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Online datasheet: <https://stage.aaabiotech.com/nec1-human-elisa-kits/neuroendocrine-convertase-1-pcsk1/331454>