

Human Procollagen C-Endopeptidase Enhancer 2 (PCOLCE2) ELISA Kit | PCOLCE2 elisa kit

Human Procollagen C-Endopeptidase Enhancer 2 (PCOLCE2) ELISA Kit

CATALOG # AAA331455	REACTIVITY Human
-------------------------------	----------------------------

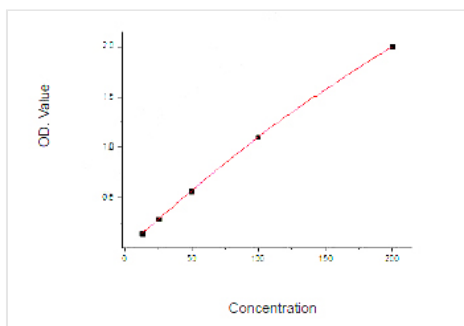
PRODUCT SYNONYMS

Procollagen C-Endopeptidase Enhancer 2 (PCOLCE2); Human Procollagen C-Endopeptidase Enhancer 2 (PCOLCE2) ELISA Kit; PCOLCE2; PCPE2; PCOLCE2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Procollagen C-endopeptidase enhancer 2 (PCOLCE2) ELISA Kit has high sensitivity and excellent specificity for detection of Human PCOLCE2. No significant cross-reactivity or interference between Human PCOLCE2 and analogues was observed.
Sequence Length	415
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	12.5 ng/L - 200 ng/L
Sensitivity	< 1ng/L
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PCOLCE2 elisa kit	Background: PCOLCE2 lies 5.2 kb and 102.5 kb centromeric to the transient receptor potential channel-1 (TRPC1) and plastin-1 (PLS1), respectively. The deduced 415-amino acid protein contains an N-terminal signal sequence, 2 CUB domains, and an NTR domain. It also contains a putative myristoylation site, several potential phosphorylation sites, a putative glycosylation site, and an RGD site. PCOLCE2 shares about 43% sequence identity with the PCOLCE protein. Principle of the Assay: Human Procollagen C-endopeptidase enhancer 2 (PCOLCE2) ELISA Kit employs a two-site sandwich ELISA to quantitate PCOLCE2 in samples. An antibody specific for PCOLCE2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PCOLCE2 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human PCOLCE2 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 PCOLCE2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	67470587
NCBI GeneID	26577
UniProt Accession #	Q9UKZ9
NCBI Official Full Name	Procollagen C-endopeptidase enhancer 2
NCBI Official Synonym Full Names	procollagen C-endopeptidase enhancer 2
NCBI Official Symbol	PCOLCE2
NCBI Official Synonym Symbols	PCPE2
NCBI Protein Information	procollagen C-endopeptidase enhancer 2
UniProt Protein Name	Procollagen C-endopeptidase enhancer 2
UniProt Gene Name	PCOLCE2
UniProt Synonym Gene Names	PCPE2; PCPE-2
UniProt Entry Name	PCOC2_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://www.aaabiotech.com/human-elisa-kits/procollagen-c-endopeptidase-enhancer-2-pcolce2/331455>