

Human PCPE1 ELISA Kit | PCPE1 elisa kit

Human PCPE1 (Procollagen C Proteinase Enhancer 1) ELISA Kit

CATALOG #
AAA164357

REACTIVITY
Human

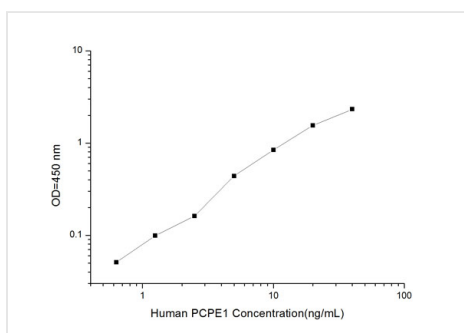
PRODUCT SYNONYMS

PCPE1; Human PCPE1 (Procollagen C Proteinase Enhancer 1) ELISA Kit; PCPE1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PCPE1. No significant cross-reactivity or interference between Human PCPE1 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human PCPE1 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	449
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.625-40ng/mL
Sensitivity	Min: 0.375ng/mL; Max: 40ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PCPE1 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PCPE1 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human PCPE1. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human PCPE1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human PCPE1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human PCPE1. You can calculate the concentration of Human PCPE1 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157653329
NCBI GeneID	5118
NCBI Accession #	NP_002584.2
NCBI GenBank Nucleotide #	NM_002593.3
UniProt Accession #	Q15113; O14550; B2R9E1
Molecular Weight	47,972 Da
NCBI Official Full Name	procollagen C-endopeptidase enhancer 1
NCBI Official Synonym Full Names	procollagen C-endopeptidase enhancer
NCBI Official Symbol	PCOLCE
NCBI Official Synonym Symbols	PCPE; PCPE1; PCPE-1
NCBI Protein Information	procollagen C-endopeptidase enhancer 1; procollagen C-proteinase enhancer 1; procollagen COOH-terminal proteinase enhancer 1; procollagen, type 1, COOH-terminal proteinase enhancer; type 1 procollagen C-proteinase enhancer protein; type I procollagen COOH-terminal proteinase enhancer
UniProt Protein Name	Procollagen C-endopeptidase enhancer 1
UniProt Gene Name	PCOLCE
UniProt Synonym Gene Names	PCPE1; PCPE-1; Procollagen C-proteinase enhancer 1
UniProt Entry Name	PCOC1_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.