

Rabbit Procollagen C Proteinase Enhancer 1 ELISA Kit | PCPE1 elisa kit

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CATALOG #
AAA85768

REACTIVITY
Rabbit

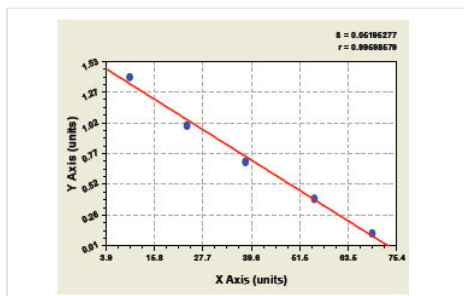
PRODUCT SYNONYMS

Procollagen C Proteinase Enhancer 1; Rabbit Procollagen C Proteinase Enhancer 1 ELISA Kit; PCPE1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This PCPE1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit PCPE1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PCPE1 elisa kit

Principle of the assay: PCPE1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PCPE1 antibody and an PCPE1-HRP conjugate. The assay sample and buffer are incubated together with PCPE1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PCPE1 concentration since PCPE1 from samples and PCPE1-HRP conjugate compete for the anti-PCPE1 antibody binding site. Since the number of sites is limited, as more sites are occupied by PCPE1 from the sample, fewer sites are left to bind PCPE1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PCPE1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for PCPE1 elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	157653329
NCBI GeneID	5118
NCBI Accession #	NP_002584.2
NCBI GenBank Nucleotide #	NM_002593.3
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; type 1 procollagen C-proteinase enhancer protein; type I procollagen COOH-terminal proteinase enhancer; procollagen, type 1, 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.

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Online datasheet: <https://www.aaabiotech.com/pcpe1-rabbit-elisa-kits/procollagen-c-proteinase-enhancer-1/85768>