

Human PCI ELISA Kit | PCI elisa kit

Human PCI (Procollagen I) ELISA Kit

CATALOG #
AAA164520

REACTIVITY
Human

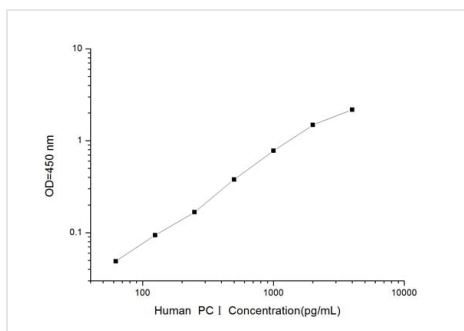
PRODUCT SYNONYMS

PCI; Human PCI (Procollagen I) ELISA Kit; PCI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human PCI. No significant cross-reactivity or interference between Human PCI and analogues was observed.
Sequence Length	406
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PCI elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanPCI concentrations in 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 PCI. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for PCI 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 PCI, 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 PCI. You can calculate the concentration of PCI in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194018472
NCBI GeneID	5104
NCBI Accession #	NP_000615.3
NCBI GenBank Nucleotide #	NM_000624.5
UniProt Accession #	P05154; Q07616; Q9UG30
Molecular Weight	45,675 Da
NCBI Official Full Name	plasma serine protease inhibitor preproprotein
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 5
NCBI Official Symbol	SERPINA5
NCBI Official Synonym Symbols	PCI; PAI3; PAI-3; PCI-B; PROC1; PLANH3
NCBI Protein Information	plasma serine protease inhibitor; acrosomal serine protease inhibitor; plasminogen activator inhibitor III; plasminogen activator inhibitor-3; protein C inhibitor; serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 5
UniProt Protein Name	Plasma serine protease inhibitor
UniProt Gene Name	SERPINA5
UniProt Synonym Gene Names	PCI; PLANH3; PROC1; PAI-3; PAI3; PCI
UniProt Entry Name	IPSP_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.