

Human PAI1 (Plasminogen Activator Inhibitor 1) ELISA Kit | PAI1 elisa kit

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CATALOG #
AAA278075

REACTIVITY
Human

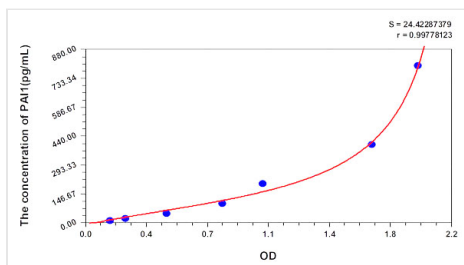
PRODUCT SYNONYMS

PAI1 (Plasminogen Activator Inhibitor 1); Human PAI1 (Plasminogen Activator Inhibitor 1) ELISA Kit; SERPINE1; PLANH1; Serpin Peptidase Inhibitor Clade E Member 1; Nexin; Plasminogen Activator Inhibitor Type 1 Serpin E1; Endothelial plasminogen activator inhibitor; PAI1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	1.56-100ng/mL
Sensitivity	0.53ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PAI1 elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human PAI1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human PAI1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human PAI1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Human PAI1 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for PAI1 elisa kit

[Metabolic pathway](#); [Hematology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835159
NCBI GeneID	5054

NCBI Accession #	NP_000593.1
NCBI GenBank Nucleotide #	NM_000602.4
UniProt Accession #	P05121 ; B7Z4S0 ; F8WD53
Molecular Weight	45,060 Da
NCBI Official Full Name	plasminogen activator inhibitor 1
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1
NCBI Official Symbol	SERPINE1
NCBI Official Synonym Symbols	PAI; PAI1; PAI-1; PLANH1
NCBI Protein Information	plasminogen activator inhibitor 1; serpin E1; endothelial plasminogen activator inhibitor; serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1
UniProt Protein Name	Plasminogen activator inhibitor 1
UniProt Gene Name	SERPINE1
UniProt Synonym Gene Names	PAI1; PLANH1; PAI; PAI-1
UniProt Entry Name	PAI1_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/human-elisa-kits/pai1-plasminogen-activator-inhibitor-1/278075>