

General PAI-1 uPA complex antigen assay ELISA Kit | SERPINE1 elisa kit

Human PAI-1 uPA complex antigen assay ELISA Kit

CATALOG #
AAA37724

REACTIVITY
General

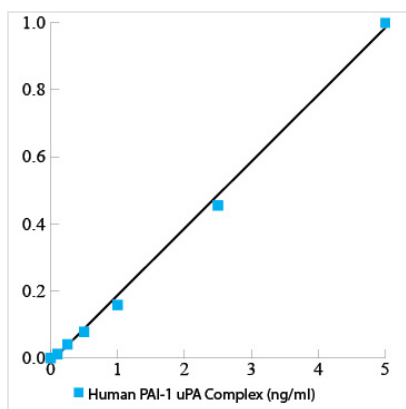
PRODUCT SYNONYMS

PAI-1 uPA complex antigen assay; Human PAI-1 uPA complex antigen assay ELISA Kit; SERPINE1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Form/Format	Complete Kit
Sequence Length	402
Samples	Biological fluids
Preparation and Storage	Store at 4 degree C. Shelf Life: 12 months from manufacture, see label for expiration date

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SERPINE1 elisa kit	Intended Uses: Human PAI-1 uPA complex assay is intended for the quantitative determination of the covalent complex of uPA and its inhibitor PAI-1 in biological fluids. Principle of the Assay: Human uPA in samples will bind to the capture antibody coated on the microtiter plate. Free and complexed enzyme will react with the capture antibody on the plate. After appropriate washing steps, polyclonal anti-human PAI-1 primary antibody binds to PAI-1 uPA complex captured on the plate. Excess antibody is washed away and bound polyclonal antibody is then reacted with the secondary antibody conjugated to horseradish peroxidase. TMB substrate is used for color development at 450nm. A standard calibration curve is prepared along with the samples to be measured using dilutions of CPAI uPA complex. Color development is proportional to the concentration of PAI-1 uPA complex in the samples. Free uPA and PAI-1 will not be detected by this assay. Background: Urokinase plasminogen activator (uPA) is a serine protease that activates plasminogen to plasmin in the blood fibrinolytic system. It is also implicated in events related to cell invasion/migration [1]. Plasminogen activator inhibitor type 1 (PAI-1) is involved in the regulation of the blood fibrinolytic system and forms a 1:1 covalent complex with uPA and tPA.
Product Categories/Family for SERPINE1 elisa kit	Plasminogen Activator Inhibitor 1 (PAI-1); PAI-1 ELISA Kits

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://www.aaabiotech.com/serpine1-general-elisa-kits/pai-1-upa-complex-antigen-assay/37724>