

Mouse Plasminogen activator inhibitor 1 (PAI -1) ELISA Kit | PAI -1 elisa kit

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CATALOG # AAA56040	REACTIVITY Mouse
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PRODUCT SYNONYMS

Plasminogen activator inhibitor 1 (PAI -1); Mouse Plasminogen activator inhibitor 1 (PAI -1) ELISA Kit; PAI; PAI-1; PAI1; PLANH1; plasminogen activator inhibitor-1; serine (or cysteine) proteinase inhibitor; clade E (nexin; plasminogen activator inhibitor type 1); member 1; PAI -1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse PAI-1. No significant cross-reactivity or interference between Mouse PAI-1 and analogues was observed.
Sequence Length	402
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.625 ng/mL - 40 ng/mL
Sensitivity	0.31 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for PAI -1 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PAI-1 in Mouse serum, plasma. An antibody specific for PAI-1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PAI-1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PAI-1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PAI-1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Mouse Plasminogen activator inhibitor 1 (PAI-1) concentration in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	129577
NCBI GeneID	18787
UniProt Accession #	P22777
Molecular Weight	45,170 Da

NCBI Official Full Name	Plasminogen activator inhibitor 1
NCBI Official Synonym Full Names	serine (or cysteine) peptidase inhibitor, clade E, member 1
NCBI Official Symbol	Serpine1
NCBI Official Synonym Symbols	PAI1; PAI-1; Planh1
NCBI Protein Information	plasminogen activator inhibitor 1
UniProt Protein Name	Plasminogen activator inhibitor 1
UniProt Gene Name	Serpine1
UniProt Synonym Gene Names	Mr1; Pai1; Planh1; PAI; PAI-1

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/mouse-elisa-kits/plasminogen-activator-inhibitor-1-pai-1/56040>