

Mouse Plasminogen activator inhibitor 1 ELISA Kit | Serpine1 elisa kit

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CATALOG #
AAA23188

REACTIVITY
Mouse

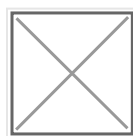
PRODUCT SYNONYMS

Plasminogen activator inhibitor 1; Mouse Plasminogen activator inhibitor 1 ELISA Kit; PAI; PAI-1; Endothelial plasminogen activator inhibitor; Serpin E1; Serpine1; Mr1; Pai1; Planh1; Serpine1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Plasminogen activator inhibitor 1
Sequence Length	402
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.081 ng/mL
Intra-assay Precision	<=5.5%
Inter-assay Precision	<=7.3%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Serpine1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

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
UniProt Entry Name	PAI1_MOUSE

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/serpine1-mouse-elisa-kits/plasminogen-activator-inhibitor-1/23188>