

Rat Plasminogen activator inhibitor 1 ELISA Kit | Serpine1 elisa kit

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CATALOG #
AAA193247

REACTIVITY
Rat

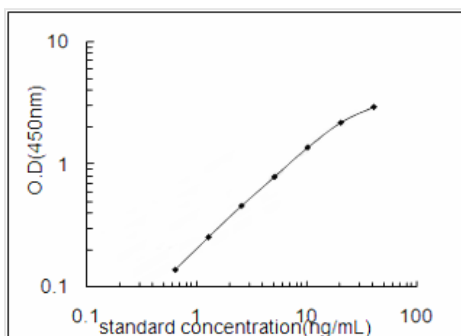
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat PAI. No significant cross-reactivity or interference was observed.
Sequence Length	402
Assay Type	Sandwich
Detection Range	0.625-40 ng/mL
Sensitivity	0.319 ng/mL
Intra-Assay CV	<=5.9%
Inter-Assay CV	<=8.4%
Recovery	99%
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 rat plasminogen activator inhibitor 1,PAI concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PAI. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for PAI and 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 PAI, 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 PAI in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6981332
NCBI GeneID	24617
NCBI Accession #	NP_036752.1
NCBI GenBank Nucleotide #	NM_012620.1
UniProt Accession #	P20961
Molecular Weight	45,010 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	Pai1; PAI1A; Planh; Pai1aa; RATPAI1A
NCBI Protein Information	plasminogen activator inhibitor 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_RAT

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-rat-elisa-kits/plasminogen-activator-inhibitor-1/193247>