

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

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CATALOG #  
**AAA278292**

REACTIVITY  
**Mouse**

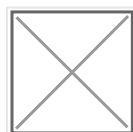
### PRODUCT SYNONYMS

PAI1 (Plasminogen Activator Inhibitor 1); Mouse 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      | Mouse                                     |
| Assay Type      | Sandwich                                  |
| Samples         | serum, plasma and other biological fluids |
| Detection Range | 1.56-100ng/mL                             |
| Sensitivity     | 0.49ng/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 Mouse PAI1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse 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 Mouse 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 Mouse 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   | <a href="#">Metabolic pathway</a> ; <a href="#">Hematology</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

### NCBI AND UNIPROT INFORMATION

|                         |                                   |
|-------------------------|-----------------------------------|
| NCBI GI #               | <a href="#">129577</a>            |
| NCBI GeneID             | <a href="#">18787</a>             |
| UniProt Accession #     | <a href="#">P22777</a>            |
| Molecular Weight        | 160,000                           |
| 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; PAI; serpin E1; plasminogen activator inhibitor, type I; endothelial plasminogen activator inhibitor; nexin, plasminogen activator inhibitor type 1; serine (or cysteine) proteinase inhibitor, clade E, member 1; Plasminog |
| UniProt Protein Name             | Plasminogen activator inhibitor 1                                                                                                                                                                                                                               |
| UniProt Gene Name                | <b>Serpine1</b>                                                                                                                                                                                                                                                 |
| 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/mouse-elisa-kits/pai1-plasminogen-activator-inhibitor-1/278292>