



Rat plasminogen activator inhibitor 1,PAI1 ELISA Kit

Product Code	CSB-E07948r
Abbreviation	SERPINE1
Target Name	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1
Uniprot No.	P20961
Alias	PAI, PAI-1, PAI1, PLANH1, plasminogen activator inhibitor-1 serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1
Product Type	ELISA Kit
Immunogen Species	Rattus norvegicus (Rat)
Sample Types	serum, plasma, tissue homogenates
Detection Range	78 pg/ml-5000 pg/ml
Sensitivity	19.5 pg/ml
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Cell Biology
Gene Names	Serpine1
Tag Info	quantitative
Protein Description	Sandwich

Description

This Rat plasminogen activator inhibitor 1 (PAI1) ELISA Kit is an essential tool for any researcher studying cell biology?as cell migration, adhesion and invasion,etc? in Rattus norvegicus. This ELISA kit is designed to detect PAI1 in serum, plasma, and tissue homogenates. With a detection range of 78 pg/mL to 5000 pg/mL and a sensitivity of 19.5 pg/mL, you can be confident in the accuracy and reliability of your results.

This kit is quantitative and follows a sandwich assay principle. The assay time is just 1-5 hours, and the sample volume required is only 50-100ul, making it both efficient and convenient. With a detection wavelength of 450 nm, the concentration of PAI1 in your samples can be easily measured.

The Rat plasminogen activator inhibitor 1 (PAI1) ELISA Kit is easy to use and



comes with all necessary components. Simply follow the step-by-step instructions to obtain precise and reproducible results. Additionally, this kit has been cited in 10 research publications, adding to its credibility.

Target Details

This gene encodes a member of the serine proteinase inhibitor (serpin) superfamily. This member is the principal inhibitor of tissue plasminogen activator (tPA) and urokinase (uPA), and hence is an inhibitor of fibrinolysis. Defects in this gene are the cause of plasminogen activator inhibitor-1 deficiency (PAI-1 deficiency), and high concentrations of the gene product are associated with thrombophilia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Product Precision**Linearity****Recovery****Typical****Msds**

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