



Rabbit plasminogen activator inhibitor 1,PAI-1

ELISA Kit

Product Code	CSB-E06978Rb													
Abbreviation	PAI-1													
Target Name	plasminogen activator inhibitor 1,PAI-1													
Product Type	ELISA Kit													
Immunogen Species	Oryctolagus cuniculus (Rabbit)													
Sample Types	serum, plasma, cell culture supernates, tissue homogenates													
Detection Range	6.25 pg/mL-400 pg/mL													
Sensitivity	1.56 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													
Tag Info	quantitative													
Protein Description	Competitive													
Description	<p>This Rabbit PAI-1 ELISA Kit was designed for the quantitative measurement of Rabbit PAI-1 protein in serum, plasma, cell culture supernates, tissue homogenates. It is a Competitive ELISA kit, its detection range is 6.25 pg/mL-400 pg/mL and the sensitivity is 1.56 pg/mL .</p>													
Product Precision	<p>Intra-assay Precision (Precision within an assay): CV%<8% Three samples of known concentration were tested twenty times on one plate to assess.</p> <p>Inter-assay Precision (Precision between assays): CV%<10% Three samples of known concentration were tested in twenty assays to assess.</p>													
Linearity	<p>To assess the linearity of the assay, samples were spiked with high concentrations of rabbit PAI-1 in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.</p> <table><tr><td>?</td><td>Sample</td><td>Serum(n=4)</td></tr><tr><td rowspan="2">1:20</td><td>Average %</td><td>87</td></tr><tr><td>Range %</td><td>83-90</td></tr><tr><td rowspan="2">1:40</td><td>Average %</td><td>100</td></tr><tr><td>Range %</td><td>97-103</td></tr></table>	?	Sample	Serum(n=4)	1:20	Average %	87	Range %	83-90	1:40	Average %	100	Range %	97-103
?	Sample	Serum(n=4)												
1:20	Average %	87												
	Range %	83-90												
1:40	Average %	100												
	Range %	97-103												



1:80	Average %	96
	Range %	90-102
1:160	Average %	90
	Range %	85-95

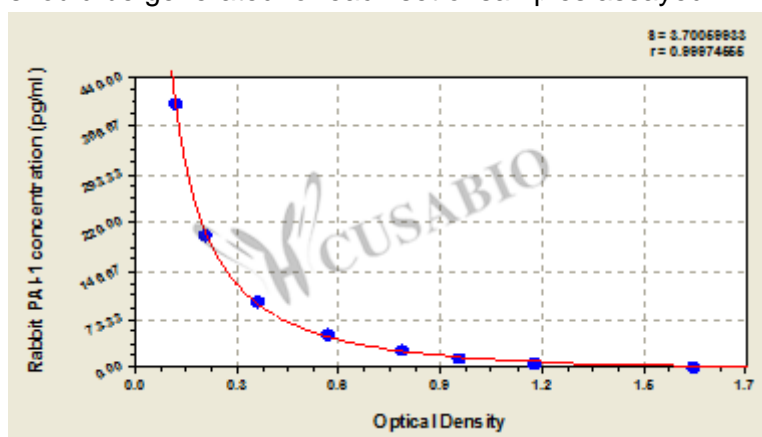
Recovery

The recovery of rabbit PAI-1 spiked to levels throughout the range of the assay in various matrices was evaluated. Samples were diluted prior to assay as directed in the Sample Preparation section.

Sample Type	Average % Recovery	Range
Serum (n=5)	93	80-86
EDTA plasma (n=4)	96	93-99

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



pg/ml	OD1	OD2	Average
400	0.124	0.126	0.125
200	0.206	0.215	0.211
100	0.368	0.350	0.359
50	0.545	0.571	0.558
25	0.768	0.765	0.767
12.5	0.917	0.938	0.928
6.25	1.128	1.157	1.143
0	1.586	1.599	1.593