Mouse Plasminogen(PLG) ELISA kit

Product Code	CSB-EL018188MO
Abbreviation	PLG
Protein Biological Process 1	Blood Coagulation
Target Name	plasminogen
Uniprot No.	P20918
Alias	RP1-81D8.1, DKFZp779M0222, plasmin
Product Type	ELISA Kit
Immunogen Species	Mus musculus (Mouse)
Protein Biological Process 3	Blood coagulation
Sample Types	serum, plasma, tissue homogenates
Detection Range	62.5 ng/mL-4000 ng/mL
Sensitivity	15.63 ng/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	Cardiovascular
Gene Names	Plg
Tag Info	quantitative
Protein Description	Competitive
Description	This Mouse PLG ELISA Kit was designed for the quantitative measurement of Mouse PLG protein in serum, plasma, tissue homogenates_x005f_x000D_. It is a Competitive ELISA kit, its detection range is 62.5 ng/mL-4000 ng/mL and the sensitivity is 15.63 ng/mL.
Product Precision	**Intra-assay Precision (Precision within an assay): CV%<8%** Three samples of known concentration were tested twenty times on one plate to assess. **Inter-assay Precision (Precision between assays): CV%<10%** Three samples of known concentration were tested in twenty assays to assess.

Linearity

To assess the linearity of the assay, samples were spiked with high concentrations of mouse PLG in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.

?	Sample	Serum(n=4)
1:100	Average %	98
	Range %	92-103
1:200	Average %	97
	Range %	93-102
1:400	Average %	104
	Range %	98-108
1:800	Average %	86
	Range %	81-92

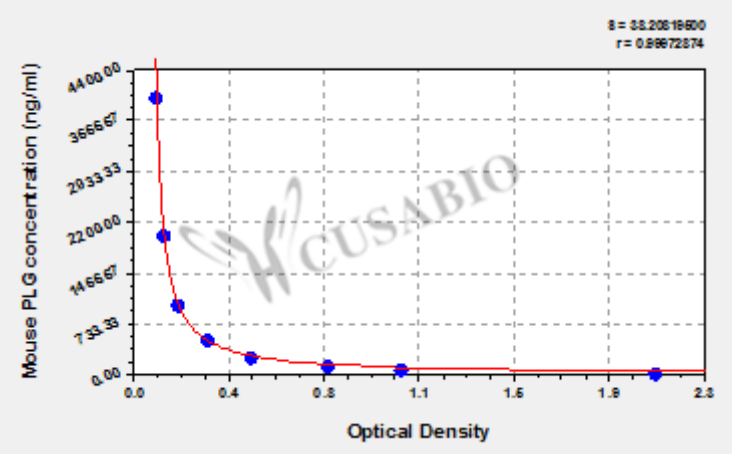
Recovery

The recovery of mouse PLG 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)	87	83-93
EDTA plasma (n=4)	94	88-98

Typical

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



ng/ml	OD1	OD2	Average
4000	0.098	0.099	0.099
2000	0.125	0.132	0.129
1000	0.179	0.184	0.182
500	0.290	0.308	0.299
250	0.462	0.475	0.469
125	0.758	0.788	0.773
62.5	1.015	1.103	1.059
0	2.002	2.110	2.056