



# Rabbit Plasminogen,Plg ELISA Kit

<b>Product Code</b>	CSB-E11871Rb
<b>Abbreviation</b>	PLG
<b>Protein Biological Process 1</b>	Blood Coagulation
<b>Target Name</b>	plasminogen
<b>Uniprot No.</b>	P00747
<b>Alias</b>	RP1-81D8.1, DKFZp779M0222, plasmin
<b>Product Type</b>	ELISA Kit
<b>Immunogen Species</b>	Oryctolagus cuniculus (Rabbit)
<b>Protein Biological Process 3</b>	Blood coagulation
<b>Sample Types</b>	serum, plasma, tissue homogenates
<b>Detection Range</b>	62.5 ng/mL-4000 ng/mL
<b>Sensitivity</b>	15.6 ng/mL
<b>Assay Time</b>	1-5h
<b>Sample Volume</b>	50-100ul
<b>Detection Wavelength</b>	450 nm
<b>Lead Time</b>	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
<b>Research Area</b>	Cardiovascular
<b>Gene Names</b>	PLG
<b>Tag Info</b>	quantitative
<b>Protein Description</b>	Competitive

**Description**

This Rabbit PLG ELISA Kit was designed for the quantitative measurement of Rabbit 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 15.6 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 rabbit 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)
1:1	Average %	92
	Range %	86-103
1:2	Average %	89
	Range %	85-99
1:4	Average %	95
	Range %	88-97
1:8	Average %	90
	Range %	83-100

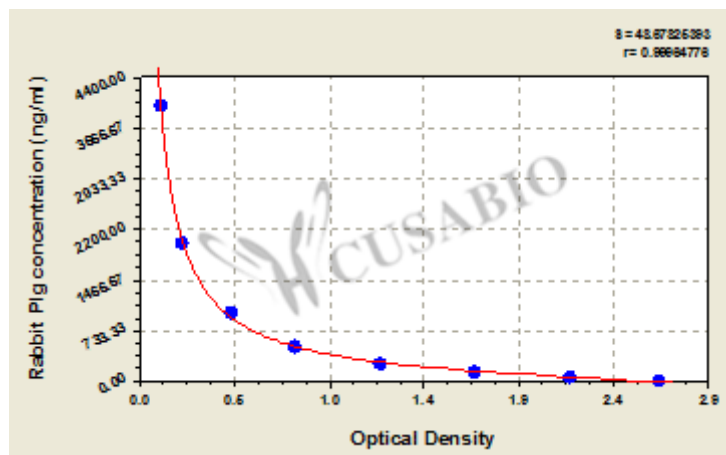
## Recovery

The recovery of rabbit 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)	96	88-102
EDTA plasma (n=4)	97	83-100

## 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	0.113	0.115	0.114	?
2000	0.216	0.227	0.222	?
1000	0.467	0.472	0.470	?
500	0.785	0.792	0.789	?
250	1.218	1.220	1.219	?
125	1.682	1.693	1.688	?
62.5	2.159	2.172	2.166	?
0	2.600	2.629	2.615	?