



Human urokinase plasminogen activator,uPA ELISA kit

Product Code	CSB-E04751h
Abbreviation	uPA
Protein Biological Process 1	Cardiovascular
Target Name	urokinase plasminogen activator,uPA
Uniprot No.	P00749
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, tissue homogenates, urine
Detection Range	78.125 pg/mL-5000 pg/mL
Sensitivity	55.100 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	Cardiovascular
Gene Names	PLAU
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human uPA ELISA Kit was designed for the quantitative measurement of Human uPA protein in serum, plasma, tissue homogenates, urine. It is a Sandwich ELISA kit, its detection range is 78.125 pg/mL-5000 pg/mL and the sensitivity is 55.100 pg/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.



Sample	Intra-Assay Precision			Inter-Assay Precision		
	1	2	3	1	2	3
n	20	20	20	20	20	20
Mean(pg/ml)	666.234	645.256	638.237	641.156	656.259	666.238
SD	0.027	0.026	0.024	0.031	0.033	0.035
CV(%)	5.590	5.520	5.139	6.610	6.918	7.246

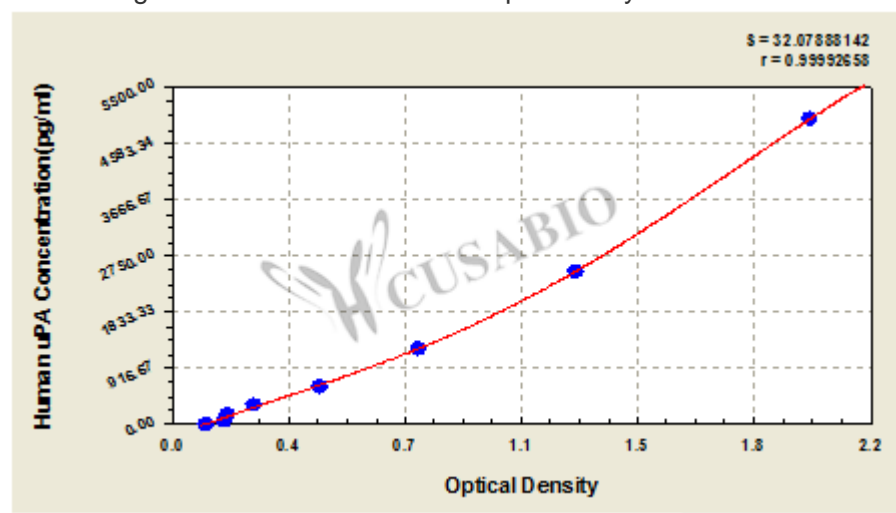
Linearity

To assess the linearity of the assay, samples were spiked with high concentrations of human uPA 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 %	84
	Range %	80-96
1:2	Average %	88
	Range %	82-99
1:4	Average %	91
	Range %	86-103
1:8	Average %	93
	Range %	90-110
	Sample	Urine(n=4)
1:5	Average %	82
	Range %	80-94
1:10	Average %	84
	Range %	82-98
1:20	Average %	93
	Range %	86-106
1:40	Average %	95
	Range %	90-110

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↕	corrected↕
0↕	0.110↕	0.118↕	0.114↕	↕
78.125↕	0.170↕	0.178↕	0.174↕	0.060↕
156.25↕	0.181↕	0.187↕	0.184↕	0.070↕
312.5↕	0.264↕	0.271↕	0.268↕	0.154↕
625↕	0.461↕	0.483↕	0.472↕	0.358↕
1250↕	0.769↕	0.794↕	0.782↕	0.668↕
2500↕	1.229↕	1.325↕	1.277↕	1.163↕
5000↕	1.999↕	2.032↕	2.016↕	1.902↕

Msd

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