



Human Platelet glycoprotein VI(GP6) ELISA kit

Product Code	CSB-EL009689HU
Abbreviation	GP6
Protein Biological Process 1	Blood Coagulation
Target Name	glycoprotein VI (platelet)
Uniprot No.	Q9HCN6
Alias	GPIV, GPVI, MGC138168, platelet collagen receptor platelet glycoprotein VI
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Protein Biological Process 3	Blood coagulation
Sample Types	serum, plasma, tissue homogenates
Detection Range	46.88 pg/mL-3000 pg/mL
Sensitivity	11.72 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	Blood Coagulation
Gene Names	GP6
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human GP6 ELISA Kit was designed for the quantitative measurement of Human GP6 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 46.88 pg/mL-3000 pg/mL and the sensitivity is 11.72 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.



Linearity

To assess the linearity of the assay, samples were spiked with high concentrations of human GP6 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 %	97
	Range %	88-101
1:2	Average %	101
	Range %	97-105
1:4	Average %	96
	Range %	87-100
1:8	Average %	104
	Range %	97-108

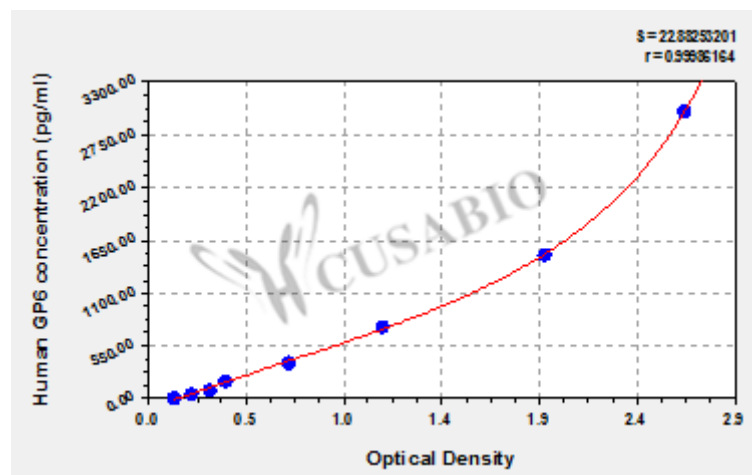
Recovery

The recovery of human GP6 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)	99	93-104
EDTA plasma (n=4)	97	90-101

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
3000	2.668	2.545	2.607	2.469
1500	1.947	1.915	1.931	1.793
750	1.113	1.174	1.144	1.006
375	0.695	0.688	0.692	0.554
187.5	0.392	0.385	0.389	0.251
93.75	0.315	0.307	0.311	0.173
46.88	0.215	0.222	0.219	0.081
0	0.140	0.136	0.138	?

Msds

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