



Human Platelet-Derived Growth Factor AB,PDGF-AB ELISA kit

Product Code	CSB-E04701h
Abbreviation	PDGF-AB
Target Name	Platelet-Derived Growth Factor AB,PDGF-AB
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, tissue homogenates
Detection Range	31.25 pg/mL-2000 pg/mL
Sensitivity	7.8 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	Cancer
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human PDGF-AB ELISA Kit was designed for the quantitative measurement of Human PDGF-AB protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 31.25 pg/mL-2000 pg/mL and the sensitivity is 7.8 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 PDGF-AB 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 %	95
	Range %	91-101
1:2	Average %	102
	Range %	98-106
1:4	Average %	91
	Range %	87*96
1:8	Average %	102
	Range %	96-108

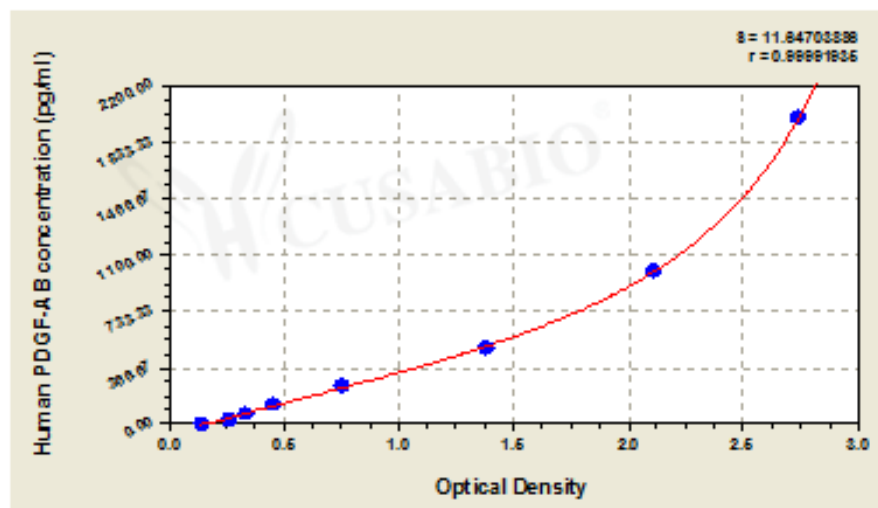
Recovery

The recovery of human PDGF-AB 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)	101	97-105
EDTA plasma (n=4)	95	90-100

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
2000	2.723	2.703	2.713	2.555
1000	2.084	2.099	2.092	1.934
500	1.392	1.364	1.378	1.220
250	0.745	0.768	0.757	0.599
125	0.453	0.472	0.463	0.305
62.5	0.328	0.355	0.342	0.184
31.25	0.267	0.279	0.273	0.115
0	0.156	0.159	0.158	



Msd

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