



Rabbit Platelet-Derived Growth Factor AB(PDGF-AB)ELISA Kit

Product Code	CSB-E15910Rb		
Abbreviation	PDGF-AB		
Target Name	Platelet-Derived Growth Factor AB(PDGF-AB)		
Product Type	ELISA Kit		
Immunogen Species	Oryctolagus cuniculus (Rabbit)		
Sample Types	serum, plasma, tissue homogenates		
Detection Range	1.56 ng/mL-100 ng/mL		
Sensitivity	0.39 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	Cancer		
Tag Info	quantitative		
Protein Description	Sandwich		
Description	This Rabbit PDGF-AB ELISA Kit was designed for the quantitative measurement of Rabbit PDGF-AB protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 1.56 ng/mL-100 ng/mL and the sensitivity is 0.39 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 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 %	86
		Range %	82-92



1:2	Average %	87
	Range %	83-95
1:4	Average %	94
	Range %	90-98
1:8	Average %	101
	Range %	96-105

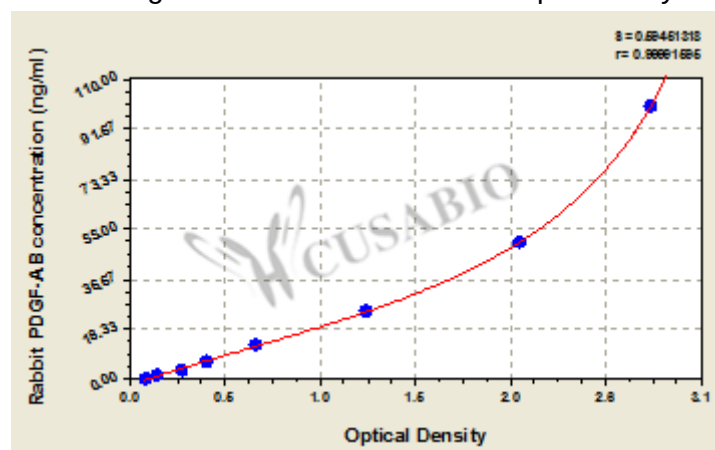
Recovery

The recovery of rabbit 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)	87	83-93
EDTA plasma (n=4)	93	89-97

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	Corrected
100	2.846	2.734	2.790	2.696
50	2.147	2.035	2.091	1.997
25	1.293	1.248	1.271	1.177
12.5	0.688	0.677	0.683	0.589
6.25	0.412	0.424	0.418	0.324
3.12	0.278	0.289	0.284	0.190
1.56	0.151	0.153	0.152	0.058
0	0.093	0.094	0.094	

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