



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

Product Code	CSB-E04703r											
Abbreviation	PDGF-AB											
Target Name	Platelet-Derived Growth Factor AB,PDGF-AB											
Product Type	ELISA Kit											
Immunogen Species	Rattus norvegicus (Rat)											
Sample Types	serum, plasma, tissue homogenates											
Detection Range	7.8 pg/mL-500 pg/mL											
Sensitivity	1.95 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 Rat PDGF-AB ELISA Kit was designed for the quantitative measurement of Rat PDGF-AB protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 7.8 pg/mL-500 pg/mL and the sensitivity is 1.95 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 rat PDGF-AB in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay. <table><tr><td>?</td><td>Sample</td><td>Serum(n=4)</td></tr><tr><td>1:1</td><td>Average %</td><td>95</td></tr><tr><td></td><td>Range %</td><td>91-99</td></tr></table>			?	Sample	Serum(n=4)	1:1	Average %	95		Range %	91-99
?	Sample	Serum(n=4)										
1:1	Average %	95										
	Range %	91-99										



1:2	Average %	88
	Range %	84-93
1:4	Average %	105
	Range %	101-109
1:8	Average %	100
	Range %	95-106

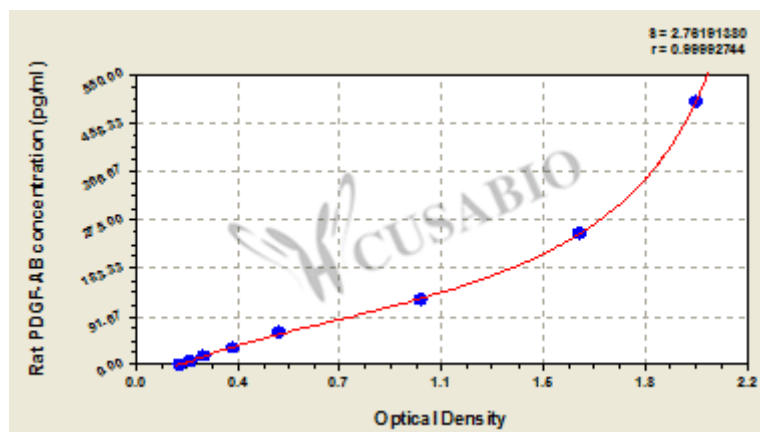
Recovery

The recovery of rat 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	83-90
EDTA plasma (n=4)	102	97-106

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
500	1.978	2.012	1.995	1.827
250	1.568	1.601	1.585	1.417
125	1.016	1.032	1.024	0.856
62.5	0.527	0.518	0.523	0.355
31.2	0.354	0.361	0.358	0.190
15.6	0.257	0.248	0.253	0.085
7.8	0.204	0.211	0.208	0.040
0	0.166	0.169	0.168	?

Msds

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