



Pig Platelet-Derived Growth Factor AB (PDGF-AB) ELISA kit

Product Code	CSB-EQ027978PI									
Abbreviation	PDGF-AB									
Target Name	Platelet-Derived Growth Factor AB (PDGF-AB)									
Product Type	ELISA Kit									
Immunogen Species	Sus scrofa (Pig)									
Sample Types	serum, plasma, tissue homogenates									
Detection Range	0.312 ng/mL-20 ng/mL									
Sensitivity	0.078 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 Pig PDGF-AB ELISA Kit was designed for the quantitative measurement of Pig PDGF-AB protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 0.312 ng/mL-20 ng/mL and the sensitivity is 0.078 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 pig 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>85-103</td></tr></table>	?	Sample	Serum(n=4)	1:1	Average %	95		Range %	85-103
?	Sample	Serum(n=4)								
1:1	Average %	95								
	Range %	85-103								



1:2	Average %	90
	Range %	85-99
1:4	Average %	93
	Range %	84-97
1:8	Average %	95
	Range %	83-100

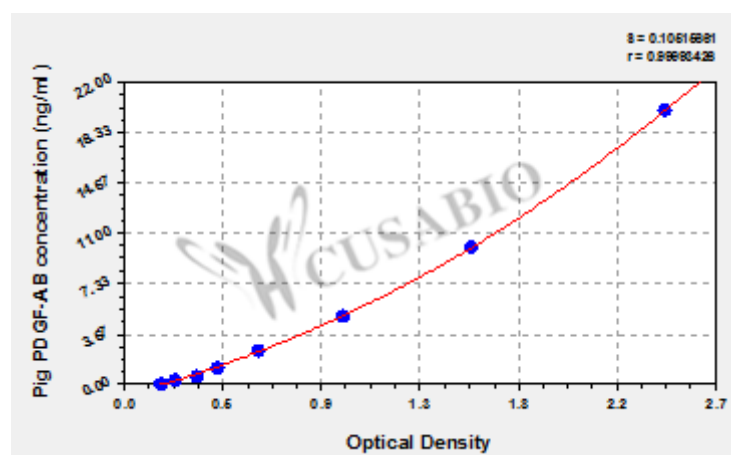
Recovery

The recovery of pig 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)	95	83-101
EDTA plasma (n=4)	93	87-100

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
20	2.410	2.453	2.432	2.250
10	1.573	1.565	1.569	1.387
5	0.988	0.997	0.993	0.811
2.5	0.609	0.621	0.615	0.433
1.25	0.429	0.438	0.434	0.252
0.625	0.347	0.335	0.341	0.159
0.312	0.245	0.242	0.244	0.062
0	0.180	0.183	0.182	?

Msds

{"0":{"fileurl":"https://www.cusabio.com/uploadfile/msds/MSDS CSB-EQ027978PI.pdf","filename":"MSDS"}}