



Human Platelet-Derived Growth Factor AA(PDGF-AA) ELISA kit

Product Code	CSB-E17143h										
Abbreviation	PDGF-AA										
Target Name	Platelet-Derived Growth Factor AA(PDGF-AA)										
Product Type	ELISA Kit										
Immunogen Species	Homo sapiens (Human)										
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 Human PDGF-AA ELISA Kit was designed for the quantitative measurement of Human PDGF-AA 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 human PDGF-AA 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>97</td></tr> <tr> <td></td><td>Range %</td><td>90-102</td></tr> </table>		?	Sample	Serum(n=4)	1:1	Average %	97		Range %	90-102
?	Sample	Serum(n=4)									
1:1	Average %	97									
	Range %	90-102									



1:2	Average %	100
	Range %	92-104
1:4	Average %	92
	Range %	85-96
1:8	Average %	94
	Range %	85-99

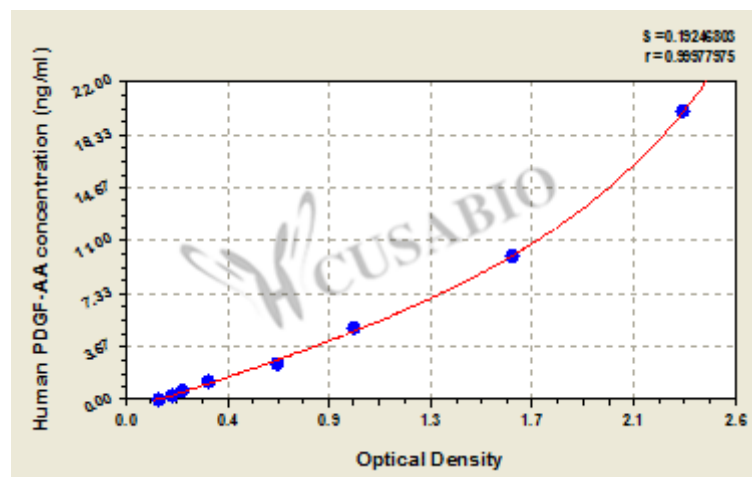
Recovery

The recovery of human PDGF-AA 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)	90	84-94
EDTA plasma (n=4)	104	95-110

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	2.329	2.368	2.349	2.192
10	1.695	1.576	1.636	1.479
5	0.988	0.953	0.971	0.814
2.5	0.651	0.647	0.649	0.492
1.25	0.365	0.355	0.360	0.203
0.625	0.257	0.248	0.253	0.096
0.312	0.205	0.211	0.208	0.051
0	0.159	0.155	0.157	?

Msds

{"0":{"fileurl":"https://www.cusabio.com/uploadfile/msds/MSDS CSB-E17143h.pdf","filename":"MSDS"}}}