



Mouse periostin/osteoblast specific factor 2 (POSTN) ELISA kit

Product Code	CSB-EL018381MO			
Abbreviation	POSTN			
Target Name	periostin/osteoblast specific factor 2 (POSTN)			
Uniprot No.	Q62009			
Product Type	ELISA Kit			
Immunogen Species	Mus musculus (Mouse)			
Sample Types	serum, plasma, tissue homogenates			
Detection Range	1.56 ng/mL-100 ng/mL			
Sensitivity	0.039 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	Cardiovascular			
Gene Names	Postn			
Tag Info	quantitative			
Protein Description	Sandwich			
Description	<p>This Mouse POSTN ELISA Kit was designed for the quantitative measurement of Mouse POSTN 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 0.039 ng/mL.</p>			
Product Precision	<p>Intra-assay Precision (Precision within an assay): CV%<8% Three samples of known concentration were tested twenty times on one plate to assess.</p> <p>Inter-assay Precision (Precision between assays): CV%<10% Three samples of known concentration were tested in twenty assays to assess.</p>			
Linearity	<p>To assess the linearity of the assay, samples were spiked with high concentrations of mouse POSTN in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.</p> <table><tr><td>?</td><td>Sample</td><td>Serum(n=4)</td></tr></table>	?	Sample	Serum(n=4)
?	Sample	Serum(n=4)		



1:1000	Average %	103
	Range %	94-107
1:2000	Average %	96
	Range %	85-100
1:4000	Average %	91
	Range %	85-95
1:8000	Average %	91
	Range %	82-94

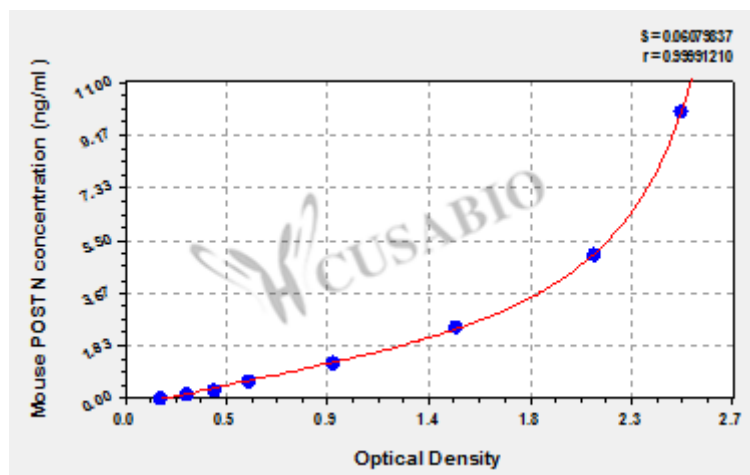
Recovery

The recovery of mouse POSTN 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)	92	84-96
EDTA plasma (n=4)	90	83-95

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
10	2.511	2.435	2.473	2.299
5	2.101	2.075	2.088	1.914
2.5	1.452	1.499	1.476	1.302
1.25	0.925	0.938	0.932	0.758
0.625	0.549	0.573	0.561	0.387
0.312	0.402	0.414	0.408	0.234
0.156	0.284	0.293	0.289	0.115
0	0.172	0.176	0.174	?

Msds

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