





Mouse Osteocrin(OSTN) ELISA kit

delivery via DHL or FedEx. Research Area Stem Cells Gene Names Ostn Tag Info quantitative Protein Description Sandwich Description This Mouse OSTN ELISA Kit was designed for the quantitative measurem Mouse OSTN protein in serum, plasma, cell culture supernates, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 15.6 pg/m pg/mL and the sensitivity is 3.9 pg/mL. Product Precision Intra-assay Precision (Precision within an assay): CV%<8%		
Protein Biological Process 1 Target Name	Product Code	CSB-EL017269MO
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Linearity







To assess the linearity of the assay, samples were spiked with high concentrations of mouse OSTN 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)
1:5	Average %	92
	Range %	87-97
1:10	Average %	95
	Range %	88-99
1:20	Average %	93
	Range %	87-100
1:40	Average %	95
	Range %	87-104

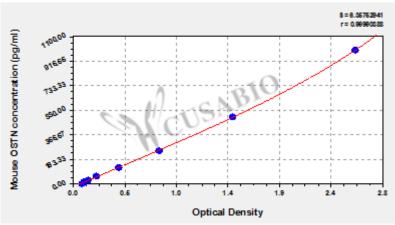
Recovery

The recovery of mouse OSTN 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)	94	85-99
EDTA plasma (n=4)	97	89-105

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

1000	2.579 2.605 2.592	2.502	
500	1.447 1.494 1.471	1.381	
250	0.791 0.803 0.797	0.707	
125	0.430 0.427 0.429	0.339	
62.5	0.219 0.225 0.222	0.132	
31.2	0.144 0.149 0.147	0.057	
15.6	0.107 0.112 0.110	0.020	
0	0.088 0.091 0.090)	

Msds

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