





## Human osteocrin, Ostn ELISA kit

Product Code         CSB-E12021h           Abbreviation         OSTN           Protein Biological Process 1         Developmental Protein           Target Name         osteocrin           Uniprot No.         P61366           Alias         MUSCLIN           Product Type         ELISA Kit           Immunogen Species         Homo sapiens (Human)           Protein Biological Process 3         Differentiation           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         Stem Cells           Gene Names         OSTN           Tag Info         quantitative           Protein Description         Sandwich           Description         This Human OSTN ELISA Kit was designed for the quantitative measurement of Human OSTN protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, tisk detection range is 0.312 ng/mL-20 ng/mL and the sensitivity is 0.078 ng/mL.           Product Precision </th <th></th> <th></th>		
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Linearity







To assess the linearity of the assay, samples were spiked with high concentrations of human 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	
1:1	Average %	87
	Range %	82-92
1:2	Average %	99
	Range %	94-103
1:4	Average %	96
	Range %	92-99
1:8	Average %	95
	Range %	88-98

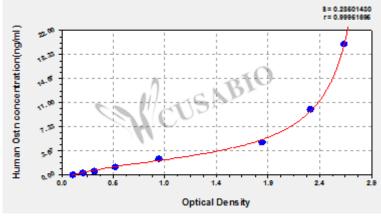
## Recovery

The recovery of human 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	89-97
EDTA plasma (n=4)	97	91-99

## **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	2 552	2.699	2 626	2.510	
10	2.254	2.373	2.314	2.198	
5	1.804	1.928	1.866	1.750	
2.5	0.889	0.926	0.908	0.792	
1.25	0.517	0.498	0.508	0.392	
0.625	0.320	0.304	0.312	0.196	
0.312	0.216	0.202	0.209	0.093	
0	0.118	0.114	0.116	?	

Msds

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