



Rabbit Bone Alkaline Phosphatase (BALP) ELISA Kit

Product Code	CSB-E15042Rb													
Abbreviation	BALP													
Target Name	Bone Alkaline Phosphatase (BALP)													
Uniprot No.	G1SLU6													
Product Type	ELISA Kit													
Immunogen Species	Oryctolagus cuniculus (Rabbit)													
Sample Types	serum, plasma													
Detection Range	0.156 mIU/mL-10 mIU/mL													
Sensitivity	0.039 mIU/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 Rabbit BALP ELISA Kit was designed for the quantitative measurement of Rabbit BALP protein in serum, plasma. It is a Sandwich ELISA kit, its detection range is 0.156 mIU/mL-10 mIU/mL and the sensitivity is 0.039 mIU/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 rabbit BALP 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 rowspan="3">1:1</td><td>Average %</td><td>97</td></tr><tr><td>Range %</td><td>88-101</td></tr><tr><td>Average %</td><td>88</td></tr><tr><td rowspan="2">1:2</td><td>Range %</td><td>81-92</td></tr></table>		Sample	Serum(n=4)	1:1	Average %	97	Range %	88-101	Average %	88	1:2	Range %	81-92
	Sample	Serum(n=4)												
1:1	Average %	97												
	Range %	88-101												
	Average %	88												
1:2	Range %	81-92												



1:4	Average %	89
	Range %	85-94
1:8	Average %	98
	Range %	90-101

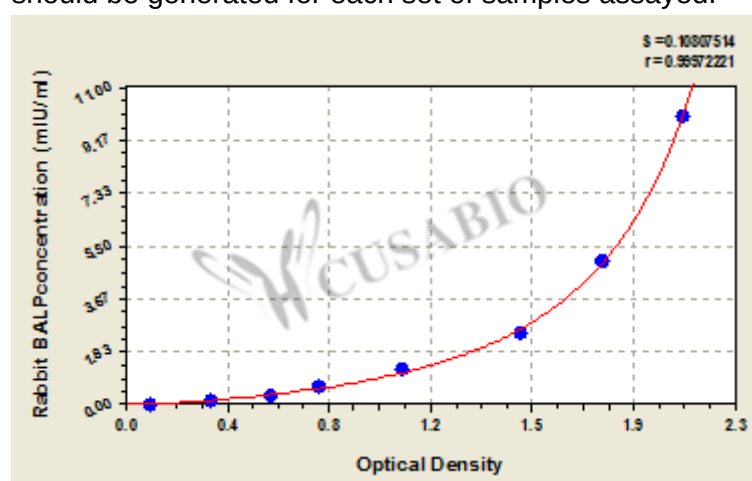
Recovery

The recovery of rabbit BALP 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)	103	95-108
EDTA plasma (n=4)	99	91-103

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



mIU/ml	OD1	OD2	Average	Corrected
10	2.136	2.087	2.112	2.009
5	1.839	1.783	1.811	1.708
2.5	1.513	1.488	1.501	1.398
1.25	1.079	1.028	1.054	0.951
0.625	0.752	0.722	0.737	0.634
0.312	0.562	0.554	0.558	0.455
0.156	0.335	0.327	0.331	0.228
0	0.102	0.104	0.103	

Msds

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