



Horse Beta-Endorphin,β-EP ELISA Kit

Product Code	CSB-E06831Eq																
Abbreviation	β-EP																
Target Name	Beta-Endorphin,β-EP																
Alias	beta-Endorphin, beta-EP																
Product Type	ELISA Kit																
Immunogen Species	Equus caballus (Horse)																
Sample Types	serum, plasma																
Detection Range	3.12 pg/mL-200 pg/mL																
Sensitivity	0.78 pg/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 Horse β-EP ELISA Kit was designed for the quantitative measurement of Horse β-EP protein in serum, plasma. It is a Sandwich ELISA kit, its detection range is 3.12 pg/mL-200 pg/mL and the sensitivity is 0.78 pg/mL.																
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 horse β-EP 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> <tr> <td>1:1</td><td>Average %</td><td>97</td></tr> <tr> <td></td><td>Range %</td><td>90-111</td></tr> <tr> <td>1:2</td><td>Average %</td><td>105</td></tr> <tr> <td></td><td>Range %</td><td>102-109</td></tr> </table>		?	Sample	Serum(n=4)	1:1	Average %	97		Range %	90-111	1:2	Average %	105		Range %	102-109
?	Sample	Serum(n=4)															
1:1	Average %	97															
	Range %	90-111															
1:2	Average %	105															
	Range %	102-109															



1:4	Average %	93
	Range %	90-97
1:8	Average %	88
	Range %	85-93

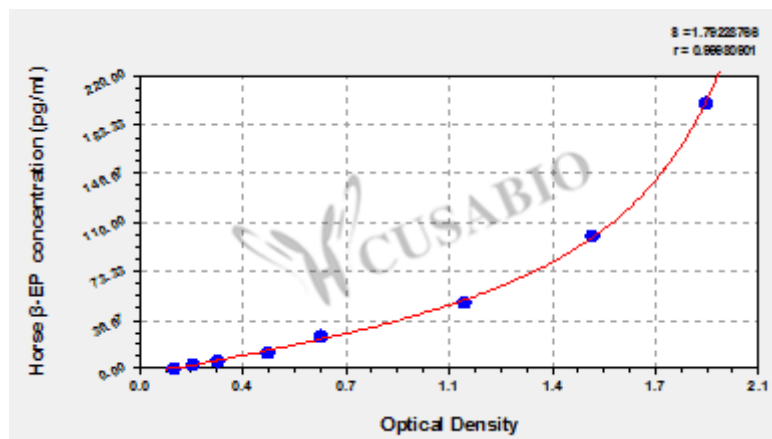
Recovery

The recovery of horse β -EP 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	99-105
EDTA plasma (n=4)	91	90-94

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
200	1.899	1.922	1.911	1.788
100	1.554	1.514	1.534	1.411
50	1.123	1.078	1.101	0.978
25	0.615	0.623	0.619	0.496
12.5	0.421	0.456	0.439	0.316
6.25	0.277	0.266	0.272	0.149
3.12	0.185	0.194	0.190	0.067
0	0.126	0.120	0.123	?

Msds

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