



Mouse Indian Hedgehog (IHH) ELISA kit

Product Code	CSB-E16517m
Abbreviation	IHH
Target Name	Indian Hedgehog (IHH)
Uniprot No.	P97812
Alias	BDA1, HHG2, Indian hedgehog homolog
Product Type	ELISA Kit
Immunogen Species	Mus musculus (Mouse)
Sample Types	serum, plasma, tissue homogenates
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	Stem Cells
Gene Names	Ihh
Tag Info	quantitative
Protein Description	Sandwich
Description	This Mouse IHH ELISA Kit was designed for the quantitative measurement of Mouse IHH protein in serum, plasma, tissue homogenates. 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	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 mouse IHH 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)



1:1	Average %	86
	Range %	82-91
1:2	Average %	101
	Range %	98-105
1:4	Average %	87
	Range %	84-91
1:8	Average %	100
	Range %	95-105

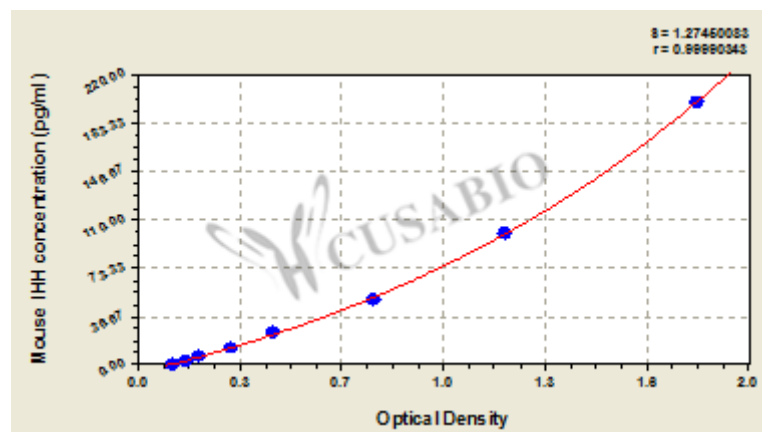
Recovery

The recovery of mouse IHH 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)	89	85-94
EDTA plasma (n=4)	107	103-110

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	1.785	1.831	1.808	1.687
100	1.181	1.201	1.191	1.070
50	0.737	0.800	0.769	0.648
25	0.455	0.435	0.445	0.324
12.5	0.301	0.312	0.307	0.186
6.25	0.208	0.204	0.206	0.085
3.12	0.167	0.161	0.164	0.043
0	0.122	0.120	0.121	?

Msds

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