



Mouse Heat shock protein HSP 90-beta(HSP90AB1) ELISA kit

Product Code	CSB-EL010808MO
Abbreviation	HSP90AB1
Protein Biological Process 1	Neurobiology
Target Name	heat shock protein 90kDa alpha (cytosolic), class B member 1
Uniprot No.	P11499
Alias	RP1-302G2.1, D6S182, FLJ26984, HSP90-BETA, HSP90B, HSPC2, HSPCB, OTTHUMP00000016518 OTTHUMP00000016519 heat shock 90kD protein 1, beta heat shock 90kDa protein 1, beta heat shock protein beta
Product Type	ELISA Kit
Immunogen Species	Mus musculus (Mouse)
Protein Biological Process 3	Stress response
Sample Types	serum, plasma, tissue homogenates, cell lysates
Detection Range	15.6 pg/mL-1000 pg/mL
Sensitivity	3.9 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	Neuroscience
Gene Names	Hsp90ab1
Tag Info	quantitative
Protein Description	Sandwich
Description	This Mouse HSP90AB1 ELISA Kit was designed for the quantitative measurement of Mouse HSP90AB1 protein in serum, plasma, tissue homogenates, cell lysates. It is a Sandwich ELISA kit, its detection range is 15.6 pg/mL-1000 pg/mL and the sensitivity is 3.9 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 HSP90AB1 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 %	93
	Range %	85-98
1:2	Average %	89
	Range %	81-100
1:4	Average %	96
	Range %	92-105
1:8	Average %	91
	Range %	85-102

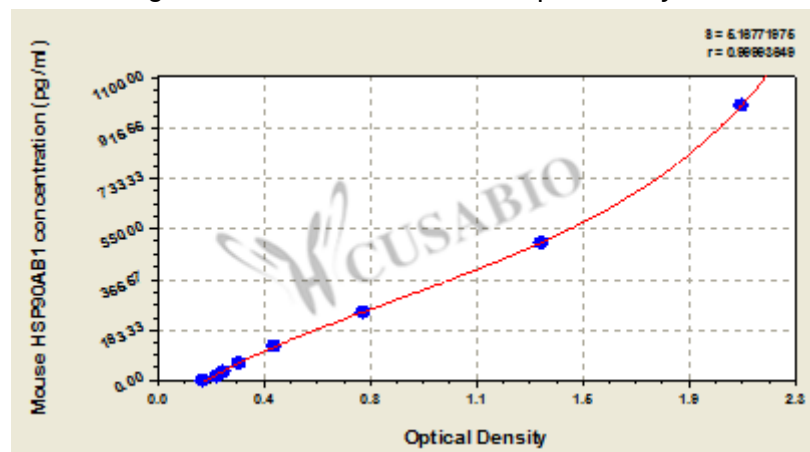
Recovery

The recovery of mouse HSP90AB1 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)	96	84-105
EDTA plasma (n=4)	97	90-100

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	2.014	2.132	2.073	1.898
500	1.378	1.355	1.367	1.192
250	0.748	0.726	0.737	0.562
125	0.432	0.422	0.427	0.252
62.5	0.299	0.309	0.304	0.129
31.25	0.245	0.253	0.249	0.074
15.6	0.217	0.227	0.222	0.047
0	0.173	0.176	0.175	

Msds

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