



Chicken Heat Shock Protein 90,HSP-90 ELISA Kit

Product Code	CSB-E12873C
Abbreviation	HSP90AA1
Protein Biological Process 1	Neurobiology
Target Name	heat shock protein 90kDa alpha (cytosolic), class A member 1
Uniprot No.	P11501
Alias	FLJ31884, HSP86, HSP89A, HSP90A, HSP90N, HSPC1, HSPCA, HSPCAL1, HSPCAL4, HSPN, Hsp89, Hsp90, LAP2, heat shock 90kD protein 1, alpha heat shock 90kD protein 1, alpha-like 4 heat shock 90kD protein, a
Product Type	ELISA Kit
Immunogen Species	Gallus gallus (Chicken)
Protein Biological Process 3	Stress response
Sample Types	serum, plasma, tissue homogenates, cell lysates
Detection Range	1.56 ng/mL-100 ng/mL
Sensitivity	0.39 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	Neuroscience
Gene Names	HSP90AA1
Tag Info	quantitative
Protein Description	Sandwich
Description	This Chicken HSP90AA1 ELISA Kit was designed for the quantitative measurement of Chicken HSP90AA1 protein in serum, plasma, tissue homogenates, cell lysates. It is a Sandwich ELISA kit, its detection range is 1.56 ng/mL-100 ng/mL and the sensitivity is 0.39 ng/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 chicken HSP-90 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 %	95
	Range %	85-103
1:2	Average %	89
	Range %	85-96
1:4	Average %	93
	Range %	83-99
1:8	Average %	95
	Range %	89-98

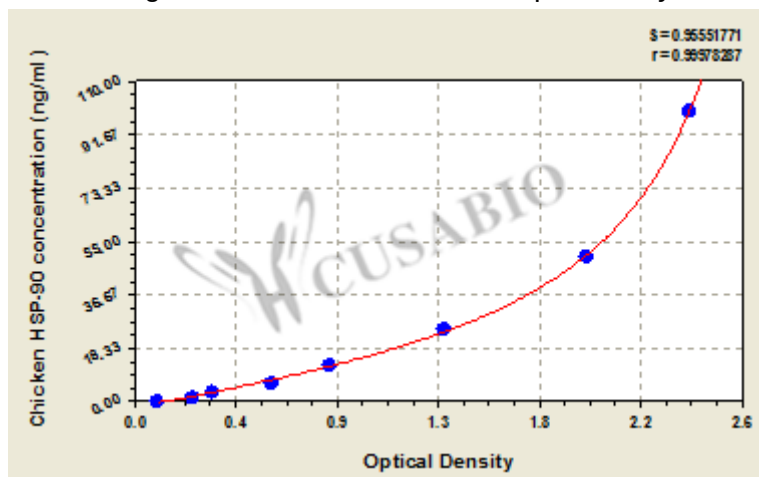
Recovery

The recovery of chicken HSP-90 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)	95	89-101
EDTA plasma (n=4)	95	87-99

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
100	2.428	2.388	2.408	2.303
50	1.994	1.935	1.965	1.860
25	1.362	1.334	1.348	1.243
12.5	0.830	0.868	0.849	0.744
6.25	0.618	0.585	0.602	0.497
3.12	0.345	0.342	0.344	0.239
1.56	0.251	0.262	0.257	0.152
0	0.103	0.107	0.105	

Msds

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