Hamster Interleukin 6,IL-6 ELISA Kit

Product Code	CSB-E14304Ha
Abbreviation	IL-6
Target Name	Interleukin 6,IL-6
Product Type	ELISA Kit
Immunogen Species	Mesocricetus auratus (Golden hamster)
Sample Types	serum, plasma, cell culture supernates, tissue homogenates
Detection Range	7.8 pg/mL-500 pg/mL
Sensitivity	1.95 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	Immunology
Tag Info	quantitative
Protein Description	Sandwich
Description	This Hamster IL-6 ELISA Kit was designed for the quantitative measurement of Hamster IL-6 protein in serum, plasma, cell culture supernates, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 7.8 pg/mL-500 pg/mL and the sensitivity is 1.95 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 hamster IL-6 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 %	87
	Range %	82-92
1:2	Average %	95
	Range %	91-99
1:4	Average %	96
	Range %	91-100

	1:8	Average %	94
		Range %	86-98

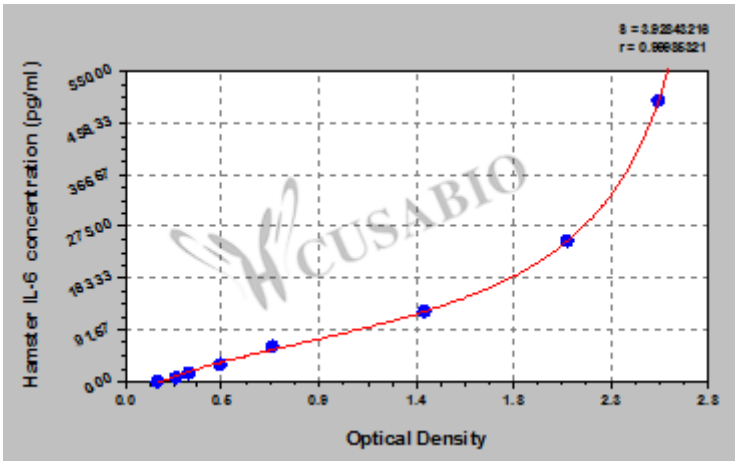
Recovery

The recovery of hamster IL-6 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)	99	94-104
EDTA plasma (n=4)	91	85-95

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
500	2.576	2.456	2.516	2.351
250	2.107	2.076	2.092	1.927
125	1.423	1.417	1.420	1.255
62.5	0.730	0.679	0.705	0.540
31.2	0.457	0.470	0.464	0.299
15.6	0.326	0.308	0.317	0.152
7.8	0.262	0.247	0.255	0.090
0	0.161	0.168	0.165	?

Msds

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