Human Homocysteic acid,Hcy ELISA Kit

Product Code	CSB-E08895h
Abbreviation	Hcy
Target Name	Homocysteic acid,Hcy
Alias	N/A
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, tissue homogenates, urine
Detection Range	0.78 nmol/mL-50 nmol/mL
Sensitivity	0.195 nmol/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	Metabolism
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human Hcy ELISA Kit was designed for the quantitative measurement of Human Hcy protein in serum, plasma, tissue homogenates, urine. It is a Sandwich ELISA kit, its detection range is 0.78 nmol/mL-50 nmol/mL and the sensitivity is 0.195 nmol/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 human HCY 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 %	85
	Range %	80-90
1:2	Average %	98
	Range %	91-105
1:4	Average %	89
	Range %	84-96

	1:8	Average %	93
		Range %	86-98

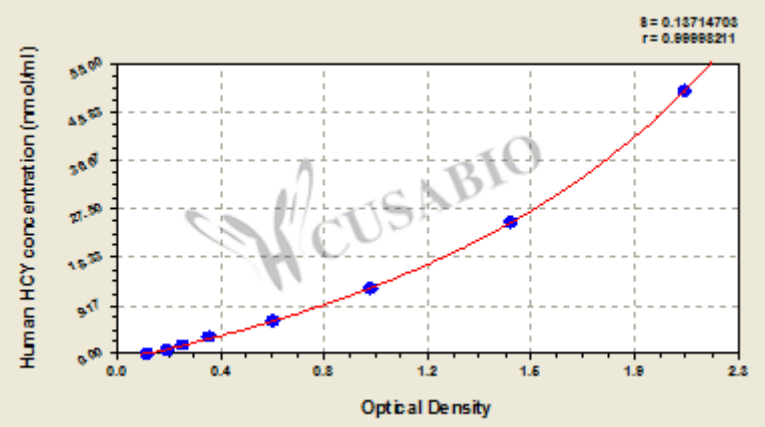
Recovery

The recovery of human HCY 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	91-101
EDTA plasma (n=4)	92	89-94

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



nmol/ml	OD1	OD2	Average	Corrected
50	2.082	2.156	2.119	1.997
25	1.456	1.489	1.473	1.351
12.5	0.941	0.968	0.955	0.833
6.25	0.583	0.597	0.590	0.468
3.125	0.342	0.367	0.355	0.233
1.56	0.248	0.261	0.255	0.133
0.78	0.192	0.198	0.195	0.073
0	0.121	0.123	0.122	?

Msds

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