Mouse High density lipoprotein cholesterol, HDL-C ELISA kit

Product Code	CSB-E12874m
Abbreviation	HDL-C
Target Name	High density lipoprotein cholesterol, HDL-C
Product Type	ELISA Kit
Immunogen Species	Mus musculus (Mouse)
Sample Types	serum, plasma, tissue homogenates
Detection Range	7.8 ng/mL-500 ng/mL
Sensitivity	1.95 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	Others
Tag Info	quantitative
Protein Description	Sandwich
Description	This Mouse HDL-C ELISA Kit was designed for the quantitative measurement of Mouse HDL-C protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 7.8 ng/mL-500 ng/mL and the sensitivity is 1.95 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 mouse HDL-C 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)
1:1000	Average %	88
	Range %	84-92
1:2000	Average %	91
	Range %	85-97

1:4000	Average %	99
	Range %	95-104
1:8000	Average %	92
	Range %	88-96

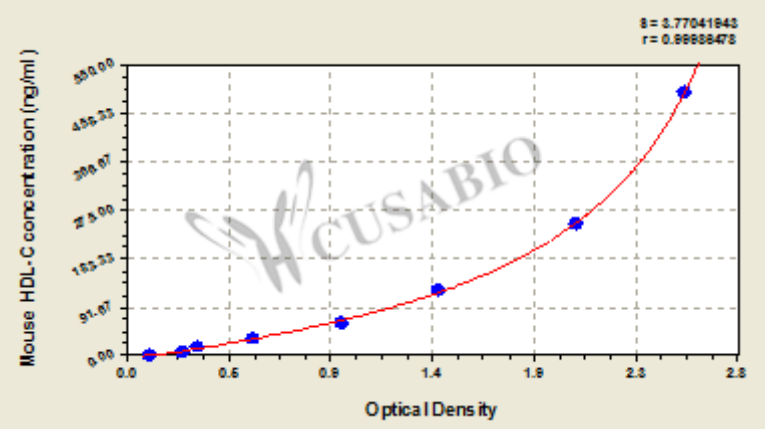
Recovery

The recovery of mouse HDL-C 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	90-102
EDTA plasma (n=4)	97	91-104

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
500	2.509	2.598	2.554	2.440
250	2.045	2.068	2.057	1.943
125	1.401	1.457	1.429	1.315
62.5	0.977	0.999	0.988	0.874
31.2	0.572	0.598	0.585	0.471
15.6	0.315	0.338	0.327	0.213
7.8	0.256	0.267	0.262	0.148
0	0.113	0.115	0.114	?

Msds

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