



Mouse oxidized high density lipoprotein (Ox-HDL)ELISA Kit

Product Code	CSB-EQ027598MO										
Abbreviation	Ox-HDL										
Target Name	oxidized high density lipoprotein (Ox-HDL)										
Product Type	ELISA Kit										
Immunogen Species	Mus musculus (Mouse)										
Sample Types	serum, plasma, tissue homogenates										
Detection Range	15.6 pg/mL-1000 pg/mL										
Sensitivity	7.81 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	Others										
Tag Info	quantitative										
Protein Description	Competitive										
Description	This Mouse Ox-HDL ELISA Kit was designed for the quantitative measurement of Mouse Ox-HDL protein in serum, plasma, tissue homogenates. It is a Competitive ELISA kit, its detection range is 15.6 pg/mL-1000 pg/mL and the sensitivity is 7.81 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 Ox-HDL in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay. <table> <tr> <td>?</td><td>Sample</td><td>Serum(n=4)</td></tr> <tr> <td>1:100</td><td>Average %</td><td>95</td></tr> <tr> <td></td><td>Range %</td><td>91-99</td></tr> </table>		?	Sample	Serum(n=4)	1:100	Average %	95		Range %	91-99
?	Sample	Serum(n=4)									
1:100	Average %	95									
	Range %	91-99									



1:200	Average %	94
	Range %	90-98
1:400	Average %	98
	Range %	94-104
1:800	Average %	84
	Range %	80-88

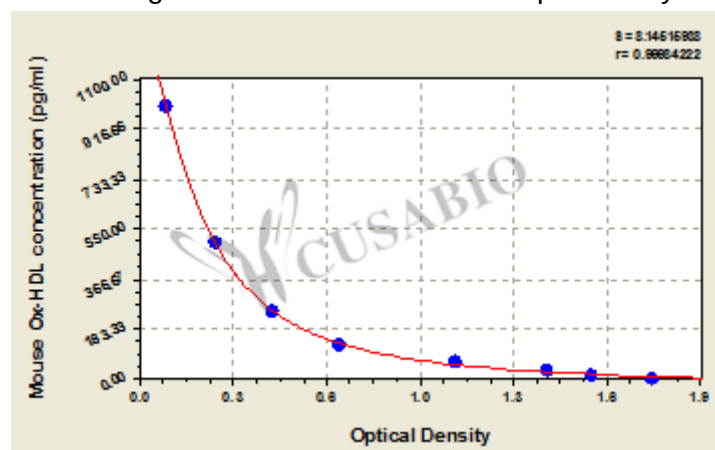
Recovery

The recovery of mouse Ox-HDL 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)	93	90-97
EDTA plasma (n=4)	99	95-106

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
1000	0.097	0.096	0.097
500	0.267	0.263	0.265
250	0.466	0.454	0.460
125	0.691	0.687	0.689
62.5	1.080	1.091	1.086
31.25	1.391	1.412	1.402
15.6	1.504	1.606	1.555
0	1.813	1.711	1.762