



Mouse Hormone-sensitive lipase(LIPE) ELISA kit

Product Code	CSB-EL012975MO
Abbreviation	LIPE
Protein Biological Process 1	Biosynthesis/Metabolism
Uniprot No.	P54310
Product Type	ELISA Kit
Immunogen Species	Mus musculus (Mouse)
Sample Types	serum, plasma, tissue homogenates
Detection Range	0.156 U/mL-10 U/mL
Sensitivity	0.039 U/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
Gene Names	Lipe
Tag Info	quantitative
Protein Description	Sandwich
Description	This Mouse LIPE ELISA Kit was designed for the quantitative measurement of Mouse LIPE protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 0.156 U/mL-10 U/mL and the sensitivity is 0.039 U/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 rat IL34 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 %	89
	Range %	84-93
1:2	Average %	107
	Range %	103-110
1:4	Average %	85
	Range %	81-89
1:8	Average %	89
	Range %	84-93

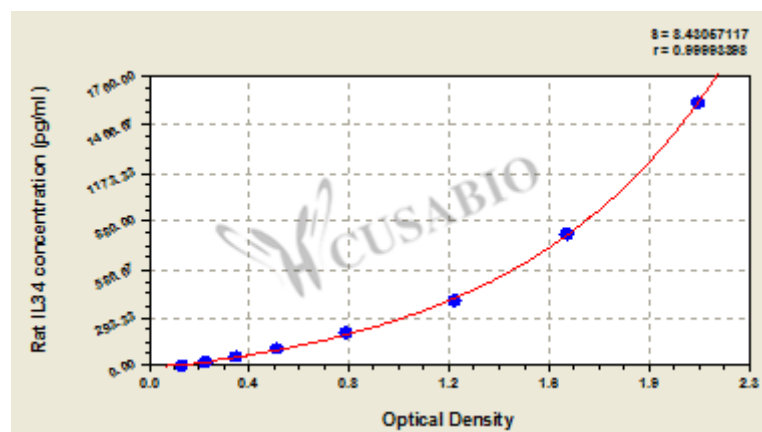
Recovery

The recovery of rat IL34 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)	107	103-110
EDTA plasma (n=4)	86	83-89

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
1600	2.100	2.168	2.134	1.995
800	1.654	1.604	1.629	1.490
400	1.181	1.204	1.193	1.054
200	0.765	0.778	0.772	0.633
100	0.517	0.502	0.510	0.371
50	0.346	0.351	0.349	0.210
25	0.228	0.231	0.230	0.091
0	0.140	0.138	0.139	?

Msds

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