



Mouse Insulin-like peptide INSL5(INSL5) ELISA kit

Product Code	CSB-EL011749MO
Abbreviation	INSL5
Target Name	insulin-like 5
Uniprot No.	Q9WUG6
Alias	MGC126695, MGC126697, PRO182, UNQ156, insulin-like peptide 5
Product Type	ELISA Kit
Immunogen Species	Mus musculus (Mouse)
Sample Types	serum, plasma, cell culture supernates, tissue homogenates
Detection Range	3.12 pg/mL-200 pg/mL
Sensitivity	0.78 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	Signal Transduction
Gene Names	InsI5
Tag Info	quantitative
Protein Description	Sandwich
Description	This Mouse INSL5 ELISA Kit was designed for the quantitative measurement of Mouse INSL5 protein in serum, plasma, cell culture supernates, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 3.12 pg/mL-200 pg/mL and the sensitivity is 0.78 pg/mL.
Target Details	This protein contains a classical signature of the insulin superfamily and is highly similar to relaxin 3 (RLN3/INSL7).
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 INSL 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)
1:100	Average %	93
	Range %	90-96
1:200	Average %	100
	Range %	97-103
1:400	Average %	88
	Range %	85-93
1:800	Average %	107
	Range %	103-110

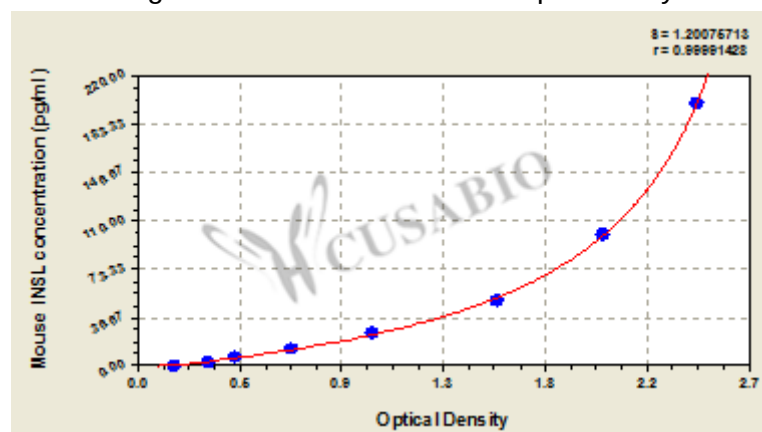
Recovery

The recovery of mouse INSL 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)	84	81-89
EDTA plasma (n=4)	98	93-102

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
200	2.417	2.446	2.432	2.262
100	2.046	2.008	2.027	1.857
50	1.562	1.568	1.565	1.395
25	1.017	1.035	1.026	0.856
12.5	0.692	0.669	0.681	0.511
6.25	0.425	0.435	0.430	0.260
3.12	0.306	0.330	0.318	0.148
0	0.169	0.171	0.170	

Msds

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