



Human Insulin-like peptide INSL5(INSL5) ELISA kit

Product Code	CSB-EL011749HU										
Abbreviation	INSL5										
Target Name	insulin-like 5										
Uniprot No.	Q9Y5Q6										
Alias	MGC126695, MGC126697, PRO182, UNQ156, insulin-like peptide 5										
Product Type	ELISA Kit										
Immunogen Species	Homo sapiens (Human)										
Sample Types	serum, plasma, tissue homogenates										
Detection Range	8 ng/mL-140 ng/mL										
Sensitivity	5 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	Signal Transduction										
Gene Names	INSL5										
Tag Info	quantitative										
Protein Description	Sandwich										
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%<15% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV%<15% 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 INSL5 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>1:1</td><td>Average %</td><td>93</td></tr><tr><td></td><td>Range %</td><td>85-103</td></tr></table>		?	Sample	Serum(n=4)	1:1	Average %	93		Range %	85-103
?	Sample	Serum(n=4)									
1:1	Average %	93									
	Range %	85-103									



1:2	Average %	96
	Range %	89-105
1:4	Average %	90
	Range %	86-97
1:8	Average %	93
	Range %	91-98

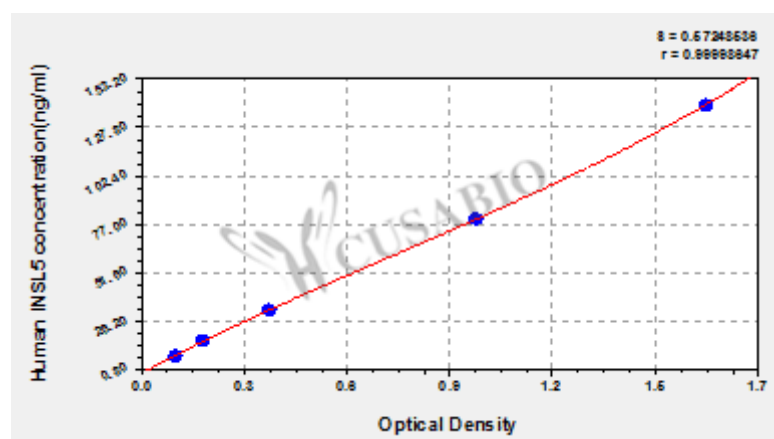
Recovery

The recovery of human INSL5 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)	94	88-100

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
140	1.586	1.597	1.592
80	0.943	0.955	0.949
32	0.365	0.371	0.368
16	0.175	0.184	0.180
8	0.101	0.105	0.103

Msds

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