



Pig Ghrelin (GHRL) ELISA kit

Product Code	CSB-E09437p									
Abbreviation	GHRL									
Target Name	Ghrelin									
Uniprot No.	Q9GKY5									
Alias	growth hormone releasing peptide-Ghrelin,GHRP-Ghrelin									
Product Type	ELISA Kit									
Immunogen Species	Sus scrofa (Pig)									
Sample Types	serum, plasma, tissue homogenates									
Detection Range	62.5 pg/mL-4000 pg/mL									
Sensitivity	15.6 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	Cardiovascular									
Gene Names	GHRL									
Tag Info	quantitative									
Protein Description	Sandwich									
Description	This Pig GHRL ELISA Kit was designed for the quantitative measurement of Pig GHRL protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 62.5 pg/mL-4000 pg/mL and the sensitivity is 15.6 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 pig GHRL 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 rowspan="2">1:1</td><td>Average %</td><td>93</td></tr><tr><td>Range %</td><td>89-97</td></tr></table>			Sample	Serum(n=4)	1:1	Average %	93	Range %	89-97
	Sample	Serum(n=4)								
1:1	Average %	93								
	Range %	89-97								



1:2	Average %	99
	Range %	94-103
1:4	Average %	106
	Range %	100-114
1:8	Average %	95
	Range %	90-100

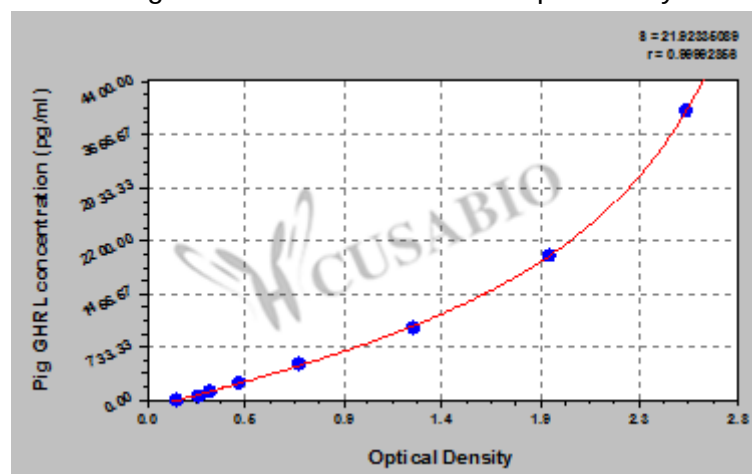
Recovery

The recovery of pig GHRL 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	80-88
EDTA plasma (n=4)	88	84-93

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
4000	2.481	2.583	2.532	2.382
2000	1.873	1.904	1.889	1.739
1000	1.293	1.221	1.257	1.107
500	0.734	0.708	0.721	0.571
250	0.427	0.462	0.445	0.295
125	0.322	0.302	0.312	0.162
62.5	0.250	0.259	0.255	0.105
0	0.154	0.146	0.150	

Msds

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