



Pig glucagon like peptide 2(GLP2) ELISA kit

Product Code	CSB-EQ027317PI		
Abbreviation	GLP2		
Target Name	glucagon like peptide 2(GLP2)		
Product Type	ELISA Kit		
Immunogen Species	Sus scrofa (Pig)		
Sample Types	serum, plasma, tissue homogenates		
Detection Range	2.4 pg/mL-150 pg/mL		
Sensitivity	0.6 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	Metabolism		
Gene Names	GCG		
Tag Info	quantitative		
Protein Description	Sandwich		
Description	This Pig GLP2 ELISA Kit was designed for the quantitative measurement of Pig GLP2 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 2.4 pg/mL-150 pg/mL and the sensitivity is 0.6 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 GLP2 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)
	1:5	Average %	102
		Range %	95-109
	1:10	Average %	95
		Range %	91-99
	1:20	Average %	88
		Range %	83-95



1:40	Average %	99
	Range %	96-106

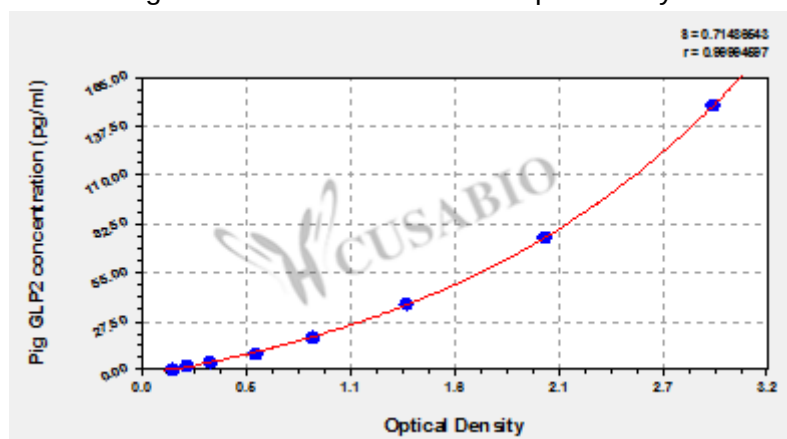
Recovery

The recovery of pig GLP2 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)	104	100-108
EDTA plasma (n=4)	93	89-97

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
150	2.983	2.888	2.936	2.763
75	2.152	1.999	2.076	1.903
37.5	1.311	1.422	1.367	1.194
18.75	0.864	0.907	0.886	0.713
9.4	0.578	0.623	0.601	0.428
4.7	0.363	0.373	0.368	0.195
2.4	0.246	0.241	0.244	0.071
0	0.177	0.168	0.173	

Msds

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