



# Pig glucagon like peptide 1(GLP1) ELISA Kit

<b>Product Code</b>	CSB-EQ027281PI																			
<b>Abbreviation</b>	GLP1																			
<b>Target Name</b>	glucagon like peptide 1(GLP1)																			
<b>Product Type</b>	ELISA Kit																			
<b>Immunogen Species</b>	Sus scrofa (Pig)																			
<b>Sample Types</b>	serum, plasma																			
<b>Detection Range</b>	15.6 pg/mL-1000 pg/mL																			
<b>Sensitivity</b>	3.9 pg/mL																			
<b>Assay Time</b>	1-5h																			
<b>Sample Volume</b>	50-100ul																			
<b>Detection Wavelength</b>	450 nm																			
<b>Lead Time</b>	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.																			
<b>Research Area</b>	Metabolism																			
<b>Gene Names</b>	GCG																			
<b>Tag Info</b>	quantitative																			
<b>Protein Description</b>	Sandwich																			
<b>Description</b>	This Pig GLP1 ELISA Kit was designed for the quantitative measurement of Pig GLP1 protein in serum, plasma. It is a Sandwich ELISA kit, its detection range is 15.6 pg/mL-1000 pg/mL and the sensitivity is 3.9 pg/mL.																			
<b>Product Precision</b>	<p>Intra-assay Precision (Precision within an assay): CV%&lt;8%</p> <p>Three samples of known concentration were tested twenty times on one plate to assess.</p> <p>Inter-assay Precision (Precision between assays): CV%&lt;10%</p> <p>Three samples of known concentration were tested in twenty assays to assess.</p>																			
<b>Linearity</b>	<p>To assess the linearity of the assay, samples were spiked with high concentrations of pig GLP1 in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.</p> <table> <tr> <td>?</td><td>Sample</td><td>Serum(n=4)</td></tr> <tr> <td rowspan="2">1:1</td><td>Average %</td><td>85</td></tr> <tr> <td>Range %</td><td>80-93</td></tr> <tr> <td rowspan="2">1:2</td><td>Average %</td><td>95</td></tr> <tr> <td>Range %</td><td>90-105</td></tr> <tr> <td rowspan="2">1:4</td><td>Average %</td><td>98</td></tr> <tr> <td>Range %</td><td>92-110</td></tr> </table>		?	Sample	Serum(n=4)	1:1	Average %	85	Range %	80-93	1:2	Average %	95	Range %	90-105	1:4	Average %	98	Range %	92-110
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1:8	Average %	93
	Range %	85-98

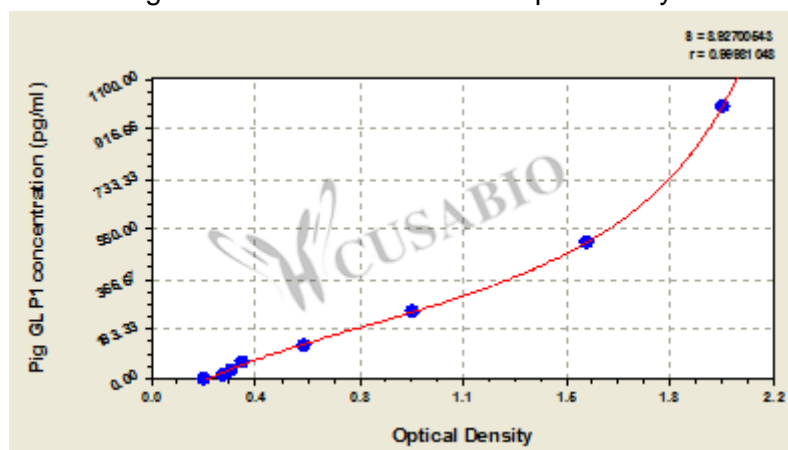
## Recovery

The recovery of pig GLP1 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)	95	89-104
EDTA plasma (n=4)	94	90-100

## 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
1000	2.028	2.014	2.021	1.803
500	1.562	1.540	1.551	1.333
250	0.949	0.932	0.941	0.723
125	0.565	0.568	0.567	0.349
62.5	0.351	0.347	0.349	0.131
31.2	0.301	0.322	0.312	0.094
15.6	0.284	0.286	0.285	0.067
0	0.214	0.222	0.218	?

## Msds

{"0":{"fileurl":"https://www.cusabio.com/uploadfile/msds/MSDS CSB-EQ027281PI.pdf","filename":"MSDS"}}