



# Pig oxidized low density lipoprotein, OxLDL ELISA Kit

<b>Product Code</b>	CSB-E06527p																
<b>Abbreviation</b>	OxLDL																
<b>Target Name</b>	oxidized lowdensity lipoprotein, OxLDL																
<b>Product Type</b>	ELISA Kit																
<b>Immunogen Species</b>	Sus scrofa (Pig)																
<b>Sample Types</b>	serum, plasma																
<b>Detection Range</b>	0.39 nmol/mL-100 nmol/mL																
<b>Sensitivity</b>	0.39 nmol/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>	Others																
<b>Tag Info</b>	quantitative																
<b>Protein Description</b>	Competitive																
<b>Description</b>	This Pig OxLDL ELISA Kit was designed for the quantitative measurement of Pig OxLDL protein in serum, plasma. It is a Competitive ELISA kit, its detection range is 0.39 nmol/mL-100 nmol/mL and the sensitivity is 0.39 nmol/mL.																
<b>Product Precision</b>	<p><b>Intra-assay Precision (Precision within an assay): CV%&lt;8%</b> Three samples of known concentration were tested twenty times on one plate to assess.</p> <p><b>Inter-assay Precision (Precision between assays): CV%&lt;10%</b> 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 OxLDL 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>1:200</td><td>Average %</td><td>97</td></tr> <tr> <td></td><td>Range %</td><td>92-105</td></tr> <tr> <td>1:400</td><td>Average %</td><td>95</td></tr> <tr> <td></td><td>Range %</td><td>83-100</td></tr> </table>		?	Sample	Serum(n=4)	1:200	Average %	97		Range %	92-105	1:400	Average %	95		Range %	83-100
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1:200	Average %	97															
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1:400	Average %	95															
	Range %	83-100															



1:800	Average %	95
	Range %	89-100
1:1600	Average %	89
	Range %	85-99

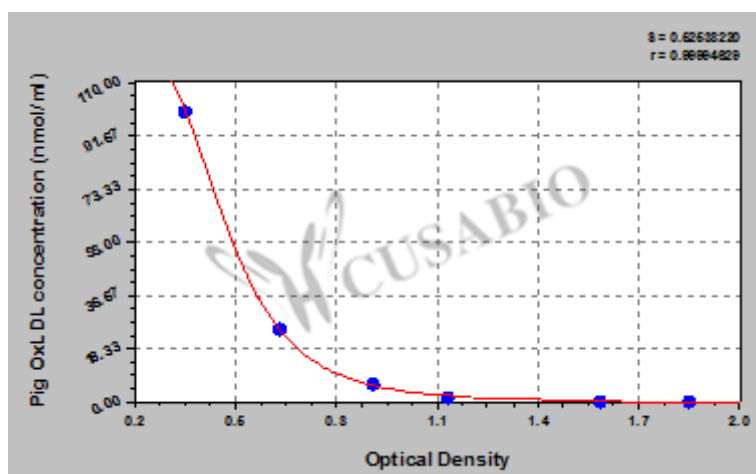
## Recovery

The recovery of pig OxLDL 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	90-100
EDTA plasma (n=4)	94	87-98

## Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



nmol/ml	OD1	OD2	Average
100	0.349	0.342	0.346
25	0.627	0.638	0.633
6.25	0.925	0.914	0.92
1.56	1.136	1.153	1.145
0.39	1.594	1.625	1.61
0	1.899	1.864	1.882