



Pig Trypsin ELISA Kit

Product Code	CSB-E15767p														
Abbreviation	Trypsin														
Target Name	Trypsin														
Product Type	ELISA Kit														
Immunogen Species	Sus scrofa (Pig)														
Sample Types	serum, plasma														
Detection Range	3.12 ng/mL-200 ng/mL														
Sensitivity	0.78 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	N/A														
Tag Info	quantitative														
Protein Description	Sandwich														
Description	This Pig Trypsin ELISA Kit was designed for the quantitative measurement of Pig Trypsin protein in serum, plasma. It is a Sandwich ELISA kit, its detection range is 3.12 ng/mL-200 ng/mL and the sensitivity is 0.78 ng/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 trypsin 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">1:5</td><td>Average %</td><td>89</td></tr><tr><td>Range %</td><td>83-97</td></tr><tr><td rowspan="2">1:10</td><td>Average %</td><td>85</td></tr><tr><td>Range %</td><td>80-90</td></tr></table>		?	Sample	Serum(n=4)	1:5	Average %	89	Range %	83-97	1:10	Average %	85	Range %	80-90
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1:5	Average %	89													
	Range %	83-97													
1:10	Average %	85													
	Range %	80-90													



1:20	Average %	90
	Range %	84-99
1:40	Average %	93
	Range %	88-100

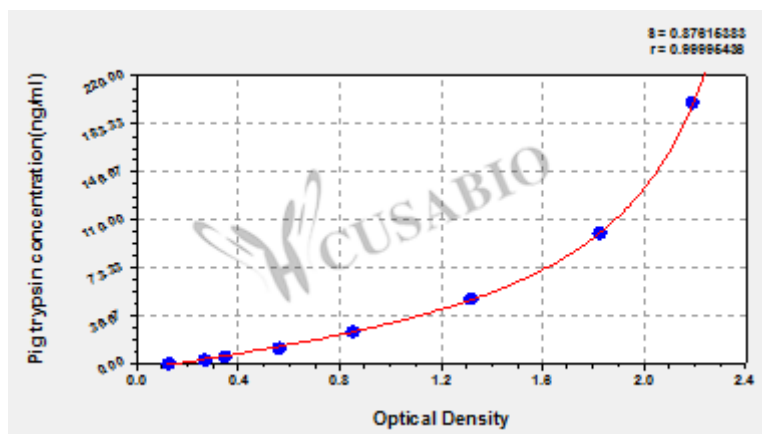
Recovery

The recovery of pig trypsin 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)	98	93-103
EDTA plasma (n=4)	99	94-105

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	Corrected
200	2.192	2.131	2.162	2.029
100	1.769	1.834	1.802	1.669
50	1.289	1.319	1.304	1.171
25	0.824	0.867	0.846	0.713
12.5	0.543	0.577	0.560	0.427
6.25	0.372	0.337	0.355	0.222
3.12	0.288	0.259	0.274	0.141
0	0.137	0.129	0.133	?

Msds

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