



Pig Tri-iodothyronine,T3 ELISA Kit

Product Code	CSB-E14195p										
Abbreviation	T3										
Protein Biological Process 1	Thyroid function										
Target Name	Tri-iodothyronine,T3										
Product Type	ELISA Kit										
Immunogen Species	Sus scrofa (Pig)										
Sample Types	serum, plasma										
Detection Range	500 pg/mL-8000 pg/mL										
Sensitivity	500 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	Signal Transduction										
Tag Info	quantitative										
Protein Description	Competitive										
Description	This Pig Tri-iodothyronine (T3) ELISA Kit was designed for the quantitative measurement of Pig Tri-iodothyronine (T3) protein in serum, plasma. It is a Competitive ELISA kit, its detection range is 500 pg/mL-8000 pg/mL and the sensitivity is 500 pg/mL.										
Product Precision	Intra-assay Precision (Precision within an assay): CV%<15% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV%<15% 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 pigT3 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>1:1</td><td>Average %</td><td>95</td></tr><tr><td></td><td>Range %</td><td>90-100</td></tr></table>		?	Sample	Serum(n=4)	1:1	Average %	95		Range %	90-100
?	Sample	Serum(n=4)									
1:1	Average %	95									
	Range %	90-100									



1:2	Average %	98
	Range %	87-105
1:4	Average %	92
	Range %	85-100
1:8	Average %	95
	Range %	90-102

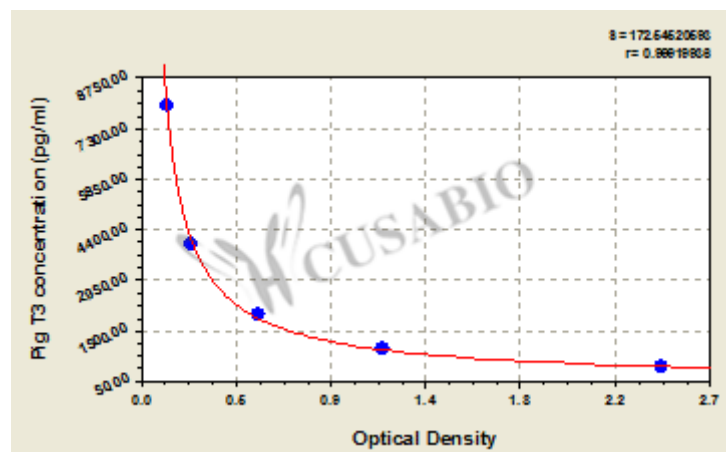
Recovery

The recovery of pig T3 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)	94	90-98
EDTA plasma (n=4)	97	93-102

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	?
8000	0.128	0.130	0.129	?
4000	0.237	0.242	0.240	?
2000	0.556	0.559	0.558	?
1000	1.156	1.125	1.141	?
500	2.481	2.428	2.455	?