



Pig free tri-iodothyronine (FT3) ELISA kit

Product Code	CSB-EQF027510PI
Abbreviation	FT3
Protein Biological Process 1	Thyroid function
Target Name	free tri-iodothyronine indes(FT3)
Product Type	ELISA Kit
Immunogen Species	Sus scrofa (Pig)
Sample Types	serum, plasma, cell culture supernates, tissue homogenates
Detection Range	2 pmol/L-32 pmol/L
Sensitivity	0.38 pmol/L
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	Others
Tag Info	quantitative
Protein Description	Competitive

Description

This Pig FT3 ELISA Kit was designed for the quantitative measurement of Pig FT3 protein in serum, plasma, cell culture supernates, tissue homogenates. It is a Competitive ELISA kit, its detection range is 2 pmol/L-32 pmol/L and the sensitivity is 0.38 pmol/L.

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 sheep FT3 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)
1:1	Average %	90
	Range %	85-98



1:2	Average %	93
	Range %	89-100
1:4	Average %	95
	Range %	90-98
1:8	Average %	93
	Range %	86-102

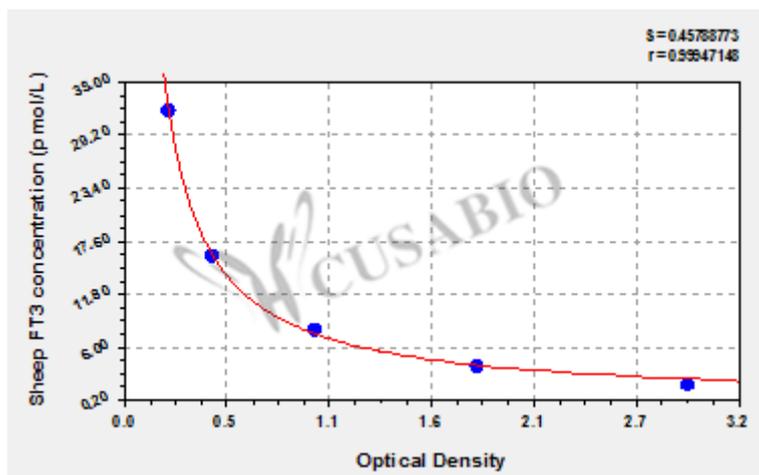
Recovery

The recovery of sheep FT3 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)	97	92-105
EDTA plasma (n=4)	98	95-103

Typical

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



pmol/L	OD1	OD2	Average	?
2	2.944	2.873	2.909	?
4	1.875	1.792	1.834	?
8	1.005	0.994	1.000	?
16	0.476	0.463	0.470	?
32	0.247	0.248	0.248	?