



# Mouse Free Thyroxine,FT4 ELISA Kit

<b>Product Code</b>	CSB-E05080m
<b>Abbreviation</b>	FT4
<b>Protein Biological Process 1</b>	Thyroid function
<b>Target Name</b>	Free Thyroxine,FT4
<b>Product Type</b>	ELISA Kit
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Sample Types</b>	serum, plasma, tissue homogenates
<b>Detection Range</b>	4 pmol/L-64 pmol/L
<b>Sensitivity</b>	1.08 pmol/L
<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 Mouse FT4 ELISA Kit was designed for the quantitative measurement of Mouse FT4 protein in serum, plasma, tissue homogenates. It is a Competitive ELISA kit, its detection range is 4 pmol/L-64 pmol/L and the sensitivity is 1.08 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%**

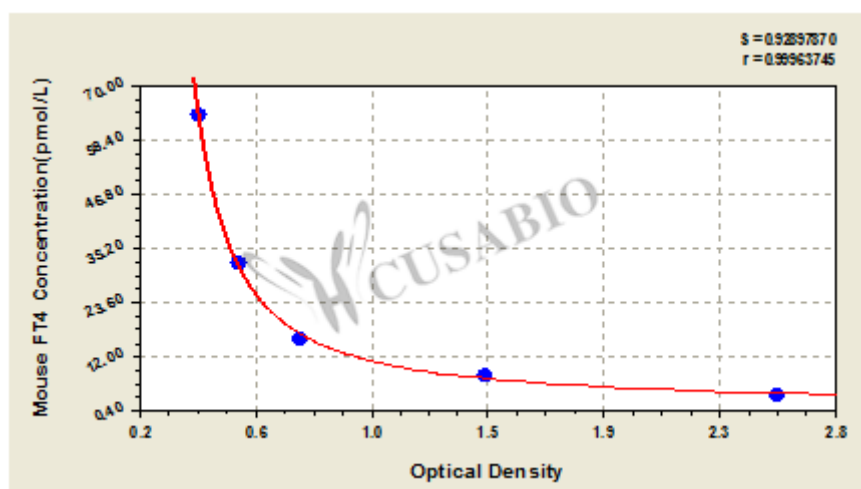
Three samples of known concentration were tested in twenty assays to assess.



	Intra-Assay Precision			Inter-Assay Precision		
Sample	1	2	3	1	2	3
n	20	20	20	20	20	20
Mean(pmol/L)	16.566	16.625	16.726	16.660	16.470	16.597
SD	0.037	0.040	0.033	0.049	0.052	0.056
CV(%)	4.501	4.868	4.048	5.948	6.263	6.887

## 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
4	2.547	2.546	2.547
8	1.435	1.485	1.460
16	0.787	0.751	0.769
32	0.516	0.563	0.540
64	0.397	0.385	0.391