



Canine thyroxine, T4 ELISA Kit

Product Code	CSB-E07288c
Abbreviation	T4
Protein Biological Process 1	Thyroid function
Target Name	thyroxine, T4
Product Type	ELISA Kit
Immunogen Species	Canis lupus familiaris (Dog) (Canis familiaris)
Sample Types	serum, plasma, cell culture supernates, tissue homogenates
Detection Range	20 ng/mL-320 ng/mL
Sensitivity	20 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
Tag Info	quantitative
Protein Description	Competitive
Description	This Dog thyroxine (T4) ELISA Kit was designed for the quantitative measurement of Dog thyroxine (T4) protein in serum, plasma, cell culture supernates, tissue homogenates. It is a Competitive ELISA kit, its detection range is 20 ng/mL-320 ng/mL and the sensitivity is 20 ng/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%

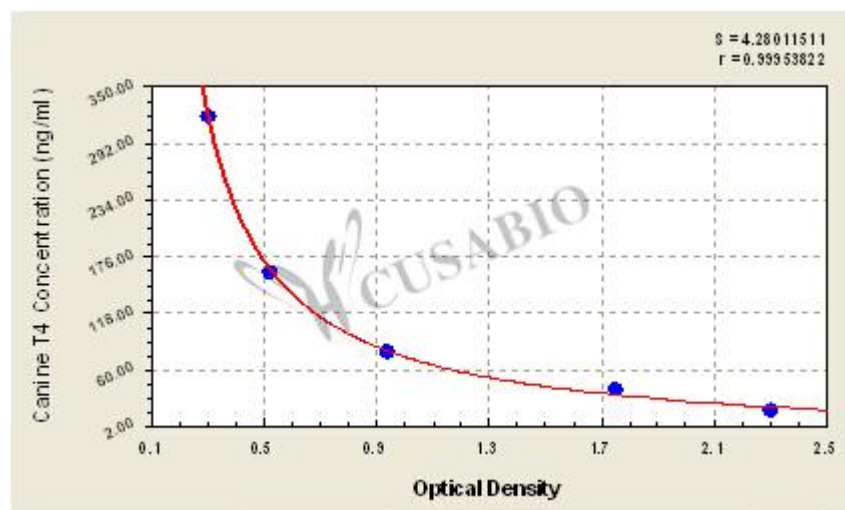
Three samples of known concentration were tested in twenty assays to assess.



	Intra-Assay Precision			Inter-Assay Precision		
Sample	1	2	3	1	2	3
n	20	20	20	20	20	20
Mean (ng/ml)	79.634	79.520	79.435	79.998	79.803	79.837
SD	0.051	0.072	0.061	0.077	0.051	0.044
CV(%)	5.574	7.849	6.702	8.372	5.584	4.794

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
20	2.307	2.303	2.305
40	1.739	1.743	1.741
80	0.911	0.903	0.907
160	0.483	0.481	0.482
320	0.256	0.262	0.259