



Chicken Tri-iodothyronine,T3 ELISA Kit

Product Code	CSB-E13270C
Abbreviation	T3
Protein Biological Process 1	Thyroid function
Target Name	Tri-iodothyronine,T3
Product Type	ELISA Kit
Immunogen Species	Gallus gallus (Chicken)
Sample Types	serum, plasma, tissue homogenates
Detection Range	0.5 ng/mL-8 ng/mL
Sensitivity	0.5 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

The Chicken Tri-iodothyronine (T3) ELISA Kit is specifically designed for the quantitative detection of T3 in serum, plasma, and tissue homogenates from Gallus gallus (Chicken). It has a detection range of 0.5 ng/mL to 8 ng/mL with a sensitivity of 0.5 ng/mL.

The kit comes with all necessary components to conduct the assay, including a microplate pre-coated with anti-T3 antibody, T3 standards, T3-HRP conjugate, wash buffer, substrate solution, stop solution, and a detailed protocol for the assay. The assay time is between 1 to 5 hours, with a sample volume of 50-100ul. The detection wavelength is 450 nm.

It is suitable for researchers in the signal transduction and thyroid function field, and it offers a reliable and convenient method for detecting T3 in Chicken samples. The competitive assay principle ensures accurate and precise results for your research needs. With more than 4 citations, this kit has been extensively tested and validated, ensuring high-quality and consistent results.

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.

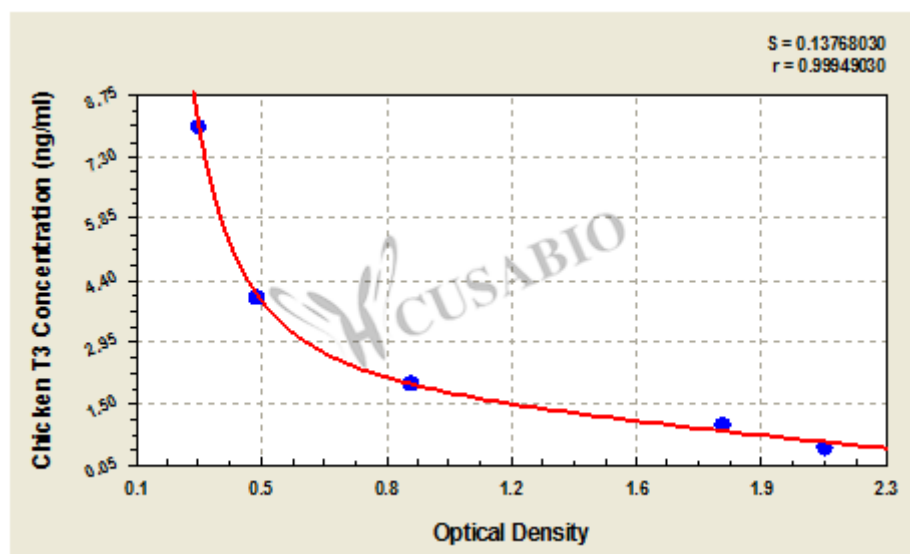
Inter-assay Precision (Precision between assays): CV%<15%

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)	1.984	2.072	1.898	1.950	1.990	1.936
SD	0.013	0.021	0.017	0.034	0.031	0.036
CV(%)	1.505	2.478	1.807	3.765	3.504	3.956

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
0.5	2.097	2.116	2.107
1.0	1.806	1.810	1.808
2.0	0.901	0.896	0.899
4.0	0.452	0.437	0.445
8.0	0.279	0.272	0.276