

General Thyroxine ELISA Kit | T4 elisa kit

Thyroxine ELISA Kit

CATALOG #
AAA99468

REACTIVITY
General

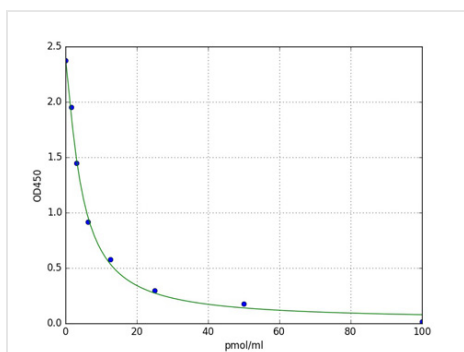
PRODUCT SYNONYMS

Thyroxine; Thyroxine ELISA Kit; T4 (Thyroxine); T4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Assay Type	Competitive ELISA, Coated with Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.703-45ng/ml
Sensitivity	0.422ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve

Results of a typical standard run of a Thyroxine ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	nmol/l	0	1.56	3.125	6.25	12.5	25	50	100
Y	OD450	2.443	1.985	1.685	1.286	0.901	0.638	0.422	0.341

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for T4 elisa kit

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Thyroxine. During the reaction,Thyroxine in the sample or standard competes with a fixed amount of biotin-labeled Thyroxine for sites on a pre-coated Monoclonal antibody specific to Thyroxine. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of Thyroxine in the samples is then determined by comparing the O.D. of the samples to the standard curve.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.