

General fT4 (Free Thyroxine) ELISA Kit | fT4 elisa kit

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CATALOG #
AAA177842

REACTIVITY
General

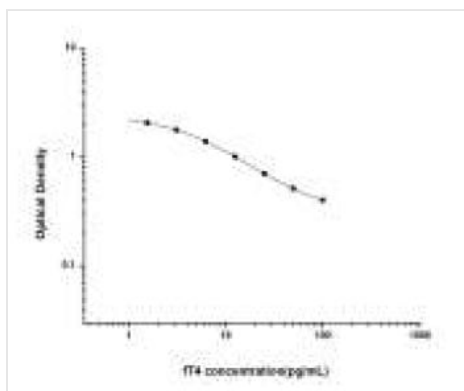
PRODUCT SYNONYMS

fT4 (Free Thyroxine); fT4 (Free Thyroxine) ELISA Kit; fT4; fT4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This kit recognizes fT4 in samples. No significant cross-reactivity or interference between fT4 and analogues was observed
Assay Type	Quantitative Competitive
Samples	Serum, plasma and other biological fluids
Detection Range	1.56-100 pg/mL
Sensitivity	0.94 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level fT4 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level fT4 were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	An unopened kit can be stored at 2-8 degree C for 1 month. If the kit is not supposed to be used within 1 month, store the components separately according to the *following conditions (manual) once the kit is received.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for fT4 elisa kit	Principle of the Assay: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with fT4. During the reaction, fT4 in samples or Standard competes with a fixed amount of fT4 on the solid phase supporter for sites on the Biotinylated Detection Ab specific to fT4. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are 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 stop solution and the color change is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The concentration of fT4 in the samples is then determined by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of fT4 concentrations in serum, plasma and other biological fluids.
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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.

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Online datasheet: <https://stage.aaabiotech.com/general-elisa-kits/ft4-free-thyroxine/177842>