

General fT3 (Free Triiodothyronine) ELISA Kit | fT3 elisa kit

pT3 (Free Triiodothyronine) ELISA Kit

CATALOG #
AAA177840

REACTIVITY
General

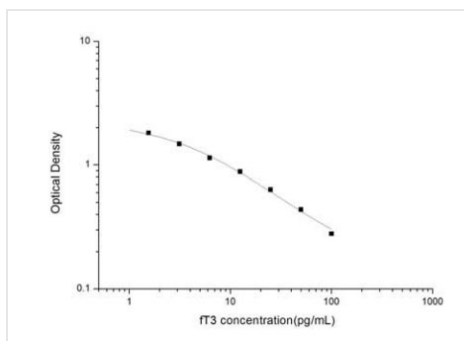
PRODUCT SYNONYMS

pT3 (Free Triiodothyronine); fT3 (Free Triiodothyronine) ELISA Kit; fT3; fT3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This kit recognizes fT3 in samples. No significant cross-reactivity or interference between fT3 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 fT3 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 fT3 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 fT3 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 fT3. During the reaction, fT3 in samples or Standard competes with a fixed amount of fT3 on the solid phase supporter for sites on the Biotinylated Detection Ab specific to fT3. 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 fT3 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 fT3 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/ft3-free-triiodothyronine/177840>