

Mouse fT3 ELISA Kit | fT3 elisa kit

Mouse fT3 (Free Triiodothyronine) ELISA Kit

CATALOG #
AAA21747

REACTIVITY
Mouse

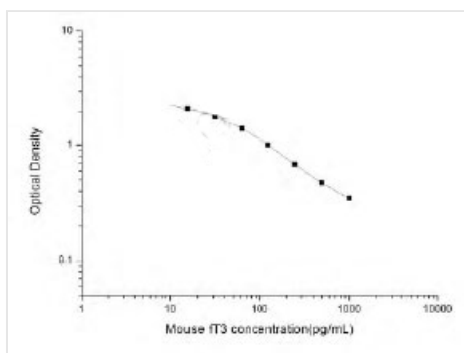
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse fT3 in samples. No significant cross-reactivity or interference between Mouse fT3 and analogues was observed.
Sequence Length	177
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Competitive
Detection Range	15.63-1000pg/mL
Sensitivity	9.38pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse 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 Mouse fT3 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for fT3 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse fT3 concentrations in serum, plasma and other biological fluids. 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 Mouse fT3. During the reaction, Mouse fT3 in the sample or standard competes with a fixed amount of Mouse fT3 on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Mouse 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 nm +/- 2 nm. The concentration of Mouse fT3 in the samples is then determined by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	555948276
Molecular Weight	19,844 Da
NCBI Official Full Name	FT3
UniProt Protein Name	FT2 protein
UniProt Entry Name	U5U6H8_ALLCE

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://www.aaabiotech.com/mouse-elisa-kits/ft3/21747>