

Rat Free Thyroxine, FT4 ELISA Kit | FT4 elisa kit

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CATALOG #
AAA15086

REACTIVITY
Rat

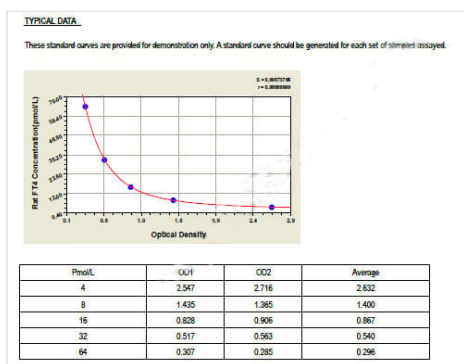
PRODUCT SYNONYMS

Free Thyroxine; FT4; Rat Free Thyroxine; FT4 ELISA Kit; FT4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat FT4. No significant cross-reactivity or interference between rat FT4 and analogues was observed.
Sequence Length	73
Assay Type	Competitive
Samples	Serum, plasma
Detection Range	4 pmol/L-64 pmol/L
Sensitivity	< 1.08 pmol/L
Intra-assay 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	Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FT4 elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to T4. Standards or samples are added to the appropriate microtiter plate wells with biotin-conjugated T4. A competitive inhibition reaction is launched between T4 (Standards or samples) and Biotin-conjugated T4 with the pre-coated antibody specific for T4. The more amount of T4 in samples, the less antibody bound by Biotin-conjugated T4. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Substrate solution is added to the wells and the color develops in opposite to the amount of FT4 in the sample. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	309259079
UniProt Accession #	E3TSA0
Molecular Weight	8,491 Da
NCBI Official Full Name	flowering locus T4, partial
UniProt Protein Name	Flowering locus T4
UniProt Gene Name	FT4
UniProt Entry Name	E3TSA0_HELAN

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/rat-elisa-kits/free-thyroxine-ft4/15086>