

## Fish Thyroxine, T4 ELISA Kit | T4 elisa kit

Fish Thyroxine, T4 ELISA Kit

CATALOG #  
AAA309831

REACTIVITY  
Fish

### PRODUCT SYNONYMS

Thyroxine; T4; Fish Thyroxine; T4 ELISA Kit; T4 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Fish                                                                                                                                                                            |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of fish T4. No Significant cross-reactivity or interference between fish T4 and analogues was observed. |
| Samples                 | serum, plasma and tissue homogenates                                                                                                                                            |
| Assay Type              | Quantitative Competitive                                                                                                                                                        |
| Detection Range         | 20 ng/ml-320ng/ml                                                                                                                                                               |
| Sensitivity             | <20 ng/ml.                                                                                                                                                                      |
| 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 | Store at 4 degree C                                                                                                                                                             |

### ADDITIONAL INFORMATION

#### Related Product Information for T4 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 T 4. 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 T4 in the sample. The color development is stopped and the intensity of the color is measured.

**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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