

## Whale Triiodothyronine ELISA Kit | T3 elisa kit

Whale Triiodothyronine (T3) ELISA Kit

CATALOG #  
**AAA55733**

REACTIVITY  
**Whale**

### PRODUCT SYNONYMS

Triiodothyronine; Whale Triiodothyronine (T3) ELISA Kit; T3 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Whale                                                                                                                                                                                                |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Whale T3. No significant cross-reactivity or interference between Whale T3 and analogues was observed.                    |
| Samples                 | Serum, plasma and other biological fluids                                                                                                                                                            |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                                |
| Detection Range         | 0.5 ng/mL - 8 ng/mL                                                                                                                                                                                  |
| Sensitivity             | 0.5 ng/mL (mean of 6 independent assays)                                                                                                                                                             |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%                     |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12% |
| Preparation and Storage | Store at 2-8 degree C.                                                                                                                                                                               |

### ADDITIONAL INFORMATION

#### Related Product Information for T3 elisa kit

Intended Uses: For the quantitative detection of Whale Tri-iodothyronine (T3) concentration in serum, plasma and other biological fluids.

Principle of the Assay: This assay employs a two-site sandwich enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to T3. Standards or samples are added to the appropriate microtiter plate wells with biotin-conjugated T3. A competitive inhibition reaction is launched between T3 (Standards or samples) and biotin-conjugated T3 with the pre-coated antibody specific for T3. The more amount of T3 in samples, the less antibody bound by biotin-conjugated T3. After washing, Streptavidin 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 T3 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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Online datasheet: <https://www.aaabiotech.com/t3-whale-elisa-kits/triiodothyronine/55733>