

## Canine Tri-iodothyronine, T3 ELISA Kit | T3 elisa kit

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CATALOG #  
**AAA15523**

REACTIVITY  
**Canine**

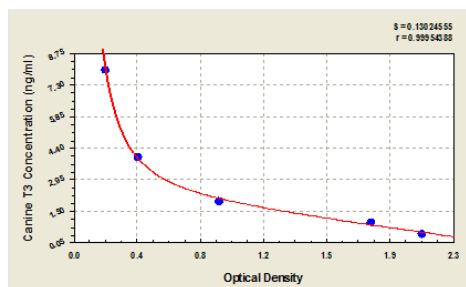
### PRODUCT SYNONYMS

Tri-iodothyronine; T3; Canine Tri-iodothyronine; T3 ELISA Kit; T3 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Canine                                                                                                                                                                              |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of canine T3. No significant cross-reactivity or interference between canine T3 and analogues was observed. |
| Assay Type              | Competitive                                                                                                                                                                         |
| Samples                 | Serum, plasma                                                                                                                                                                       |
| Detection Range         | 0.5 ng/ml-8 ng/ml                                                                                                                                                                   |
| Sensitivity             | < 0.5 ng/ml                                                                                                                                                                         |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): CV%<15%. Three positive samples were tested twenty times on one plate to assess.                                                 |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): CV%<15%. Three positive samples 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 T3 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 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, 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 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/canine-elisa-kits/tri-iodothyronine-t3/15523>