

## Canine T4 (Thyroxine) ELISA Kit | T4 elisa kit

Canine T4 (Thyroxine) ELISA Kit

CATALOG #  
AAA250319

REACTIVITY  
Canine

### PRODUCT SYNONYMS

T4 (Thyroxine); Canine T4 (Thyroxine) ELISA Kit; T4; Thyroxine; T4 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Canine                                                                                                                                                                |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of T4. No significant cross-reactivity or interference between T4 and analogues was observed. |
| Assay Type              | Competitive                                                                                                                                                           |
| Samples                 | Serum, plasma, tissue homogenates and other biological fluids                                                                                                         |
| Detection Range         | 0.703-45ng/ml                                                                                                                                                         |
| Sensitivity             | 0.422ng/ml                                                                                                                                                            |
| Intra-assay Precision   | CV<8%                                                                                                                                                                 |
| Inter-assay Precision   | CV<10%                                                                                                                                                                |
| Preparation and Storage | Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C          |

### ADDITIONAL INFORMATION

#### Related Product Information for T4 elisa kit

Principle of the Assay: This kit was based on Competitive-ELISA detection method. The microtiter plate provided in this kit has been pre-coated with target. During the reaction, target in the sample or standard competes with a fixed amount of target on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to target. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm. The concentration of target in the samples is then determined by comparing the OD of the samples to the standard curve.

**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://www.aaabiotech.com/canine-elisa-kits/t4-thyroxine/250319>