

## General Thyroxine ELISA Kit | T4 elisa kit

General Thyroxine ELISA Kit

CATALOG #  
**AAA29743**

REACTIVITY  
**General**

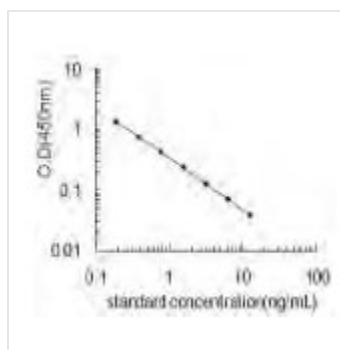
### PRODUCT SYNONYMS

Thyroxine; General Thyroxine ELISA Kit; T4; T4 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | General                                                                                                                        |
| Specificity             | This assay recognizes recombinant and natural General Thyroxine. No significant cross-reactivity or interference was observed. |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids                                          |
| Assay Type              | Quantitative Competitive                                                                                                       |
| Detection Range         | 0.19 ng/ml -12.5 ng/ml                                                                                                         |
| Preparation and Storage | Store at 4 degree C                                                                                                            |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for T4 elisa kit

**Intended Uses:** This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

**Principle of the Assay:** The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Thyroxine. During the reaction, Thyroxine in the sample or standard competes with fixed amount of biotin-labeled Thyroxine for sites on a pre-coated Monoclonal antibody specific to Thyroxine. Excess conjugate and unbound sample or standard are washed from the plate. Next Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a 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 450 nm +/- 2 nm. The concentration of Thyroxine in the samples is then determined by comparing the O.D. 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.

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Online datasheet: <https://stage.aaabiotech.com/t4-general-elisa-kits/thyroxine/29743>