

## Porcine Thyroxine ELISA Kit | T4 elisa kit

Porcine Thyroxine ELISA Kit

CATALOG #  
**AAA92616**

REACTIVITY  
**Porcine**

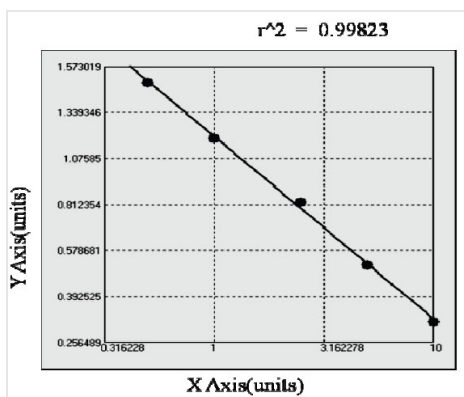
### PRODUCT SYNONYMS

Thyroxine; Porcine Thyroxine ELISA Kit; T4 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Porcine                                                                                                                                                                              |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                           |
| Assay Type              | Competitive                                                                                                                                                                          |
| Sensitivity             | 0.1 ng/mL.                                                                                                                                                                           |
| Intended Uses           | This T4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine T4. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                  |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for T4 elisa kit

Principle of the assay: T4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-T4 antibody and an T4-HRP conjugate. The assay sample and buffer are incubated together with T4-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the T4 concentration since T4 from samples and T4-HRP conjugate compete for the anti-T4 antibody binding site. Since the number of sites is limited, as more sites are occupied by T4 from the sample, fewer sites are left to bind T4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The T4 concentration in each sample is interpolated from this 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-porcine-elisa-kits/thyroxine/92616>