

## Chicken Neonatal Thyroxine ELISA Kit | NN-T4 elisa kit

Chicken Neonatal Thyroxine ELISA Kit

CATALOG #  
**AAA90116**

REACTIVITY  
**Chicken**

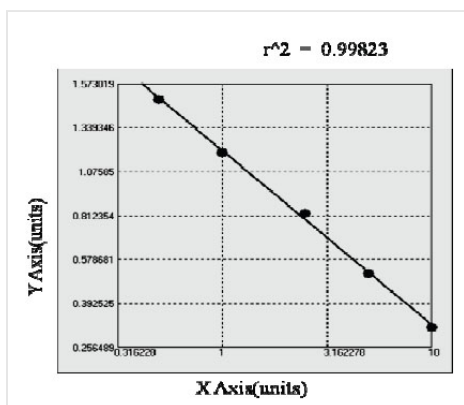
### PRODUCT SYNONYMS

Neonatal Thyroxine; Chicken Neonatal Thyroxine ELISA Kit; NN-T4 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Chicken                                                                                                                                                                                    |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                                 |
| Assay Type              | Competitive                                                                                                                                                                                |
| Sensitivity             | 0.1 ng/mL.                                                                                                                                                                                 |
| Intended Uses           | This NN-T4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken NN-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 NN-T4 elisa kit

**Principle of the Assay:** NN-T4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-NN-T4 antibody and an NN-T4-HRP conjugate. The assay sample and buffer are incubated together with NN-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 NN-T4 concentration since NN-T4 from samples and NN-T4-HRP conjugate compete for the anti-NN-T4 antibody binding site. Since the number of sites is limited, as more sites are occupied by NN-T4 from the sample, fewer sites are left to bind NN-T4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NN-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.

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/nn-t4-chicken-elisa-kits/neonatal-thyroxine/90116>