

## Pig Thyroid hormone receptor alpha ELISA Kit | THRA elisa kit

Pig Thyroid hormone receptor alpha ELISA Kit

CATALOG #  
**AAA195501**

REACTIVITY  
**Pig**

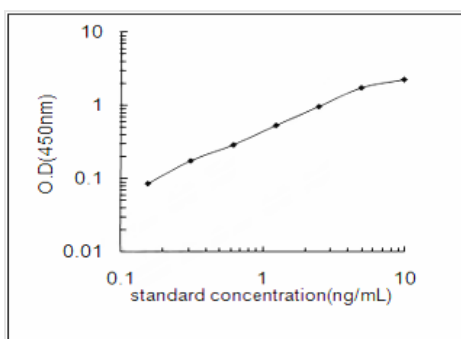
### PRODUCT SYNONYMS

Thyroid hormone receptor alpha; Pig Thyroid hormone receptor alpha ELISA Kit; Nuclear receptor subfamily 1 group A member 1; c-erbA-1; c-erbA-alpha; THRA; NR1A1; THRA elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Pig                                                                                                                                             |
| Specificity             | This assay recognizes recombinant and natural pig Thyroid hormone receptor alpha. No significant cross-reactivity or interference was observed. |
| Sequence Length         | 410                                                                                                                                             |
| Samples                 | Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids                                                       |
| Detection Range         | 0.15 ng/mL -10.0 ng/mL                                                                                                                          |
| Sensitivity             | Typically less than 0.089 ng/mL.                                                                                                                |
| Preparation and Storage | For long term storage, please store the entire kit at -20 degree C.                                                                             |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for THRA elisa kit | <p>Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of pig Thyroid hormone receptor alpha concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.</p> <p>Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Thyroid hormone receptor alpha. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Thyroid hormone receptor alpha and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Thyroid hormone receptor alpha, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 Thyroid hormone receptor alpha in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> |
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NCBI AND UNIPROT INFORMATION

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|-------------------------------|--------------------------------|
| NCBI GI #                     | 55741799                       |
| NCBI GeneID                   | 397387                         |
| NCBI Accession #              | NP_999355.1                    |
| NCBI GenBank Nucleotide #     | NM_214190.1                    |
| UniProt Accession #           | O97716; O97715                 |
| Molecular Weight              | 46,799 Da                      |
| NCBI Official Full Name       | thyroid hormone receptor alpha |
| NCBI Official Symbol          | THRA                           |
| NCBI Official Synonym Symbols | NR1A1; C-ERBA-ALPHA            |
| NCBI Protein Information      | thyroid hormone receptor alpha |
| UniProt Protein Name          | Thyroid hormone receptor alpha |
| UniProt Gene Name             | THRA                           |
| UniProt Synonym Gene Names    | NR1A1                          |
| UniProt Entry Name            | THA_PIG                        |

**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/thra-pig-elisa-kits/thyroid-hormone-receptor-alpha/195501>