

## Mouse Thyroid Stimulating Hormone (TSH) ELISA Kit | TSH elisa kit

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CATALOG #  
**AAA13110**

REACTIVITY  
**Mouse**

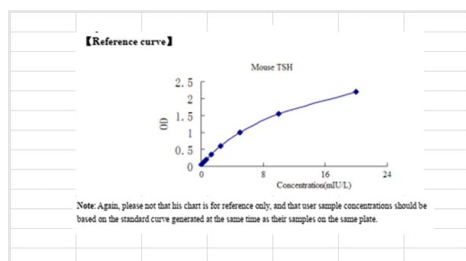
### PRODUCT SYNONYMS

Thyroid Stimulating Hormone (TSH); Mouse Thyroid Stimulating Hormone (TSH) ELISA Kit; TSH elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                       |
|-------------------------|---------------------------------------|
| Reactivity              | Mouse                                 |
| Specificity             | No cross-reaction with other factors. |
| Sequence Length         | 116                                   |
| Assay Type              | Sandwich                              |
| Detection Range         | 20 mIU/L-0.312 mIU/L                  |
| Sensitivity             | Up to 0.06 mIU/L                      |
| Intra-assay Precision   | <= 8%                                 |
| Inter-assay Precision   | <= 12%                                |
| Preparation and Storage | Store all reagents at 2-8 degree C.   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for TSH elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Mouse TSH monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

### NCBI AND UNIPROT INFORMATION

NCBI GI #

546845

|                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NCBI GeneID</b>                      | <a href="#">1081</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Molecular Weight</b>                 | 13,075 Da                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>NCBI Official Full Name</b>          | thyroid-stimulating hormone alpha subunit                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>NCBI Official Synonym Full Names</b> | glycoprotein hormones, alpha polypeptide                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>NCBI Official Symbol</b>             | CGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>NCBI Official Synonym Symbols</b>    | HCG; LHA; FSHA; GPHa; TSHA; GPHA1; CG-ALPHA                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>NCBI Protein Information</b>         | glycoprotein hormones alpha chain; FSH-alpha; LSH-alpha; TSH-alpha; lutropin alpha chain; follitropin alpha chain; thyrotropin alpha chain; choriogonadotropin alpha chain; luteinizing hormone alpha chain; chorionic gonadotrophin subunit alpha; thyroid-stimulating hormone alpha chain; follicle-stimulating hormone alpha chain; chorionic gonadotropin, alpha polypeptide; follicle-stimulating hormone alpha subunit; anterior pituitary glycoprotein hormones common subunit alpha |
| <b>UniProt Protein Name</b>             | Glycoprotein hormones alpha chain                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>UniProt Gene Name</b>                | <b>CGA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt Synonym Gene Names</b>       | CG-alpha; FSH-alpha; LSH-alpha; TSH-alpha                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt Entry Name</b>               | GLHA_HUMAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

**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://www.aaabiotech.com/mouse-elisa-kits/thyroid-stimulating-hormone-tsh/13110>