

## Dog Thyroid Stimulating Hormone (TSH) CLIA Kit | TSH clia kit

Dog CLIA Kit for Thyroid Stimulating Hormone (TSH) ELISA Kit

CATALOG #  
**AAA149918**

REACTIVITY  
**Dog**

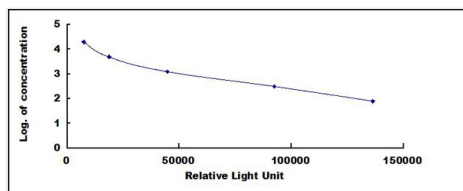
### PRODUCT SYNONYMS

Thyroid Stimulating Hormone (TSH); Dog CLIA Kit for Thyroid Stimulating Hormone (TSH) ELISA Kit; Thyrotropin; TSH clia kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Dog                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Thyroid Stimulating Hormone (TSH). No significant cross-reactivity or interference between Thyroid Stimulating Hormone (TSH) and analogues was observed.                                                                                                                                                                                                                                                        |
| Assay Type              | Competitive Inhibition                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Samples                 | Serum, Plasma and other biological fluids                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Detection Range         | 78.1-20,000pg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Sensitivity             | 28.5pg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Precision               | Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Thyroid Stimulating Hormone (TSH) were tested 20 times on one plate, respectively.<br>Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Thyroid Stimulating Hormone (TSH) were tested on 3 different plates, 8 replicates in each plate.<br>$CV(\%) = SD/mean \times 100$<br>Intra-Assay: $CV < 10\%$<br>Inter-Assay: $CV < 12\%$                   |
| Preparation and Storage | The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.<br>To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end. |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for TSH clia kit | The microplate provided in this kit has been pre-coated with a monoclonal antibody specific to Thyroid Stimulating Hormone (TSH). A competitive inhibition reaction is launched between biotin labeled Thyroid Stimulating Hormone (TSH) and unlabeled Thyroid Stimulating Hormone (TSH) (Standards or samples) with the pre-coated antibody specific to Thyroid Stimulating Hormone (TSH). After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of Thyroid Stimulating Hormone (TSH) in the sample. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is reverse proportional to the Thyroid Stimulating Hormone (TSH) level in the sample or standard. |
| Product Categories/Family for TSH clia kit   | Endocrinology; Hormone Metabolism                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

**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/dog-clia-kits/thyroid-stimulating-hormone-tsh/149918>