

Dog Thyroid Stimulating Hormone, TSH ELISA Kit | TSH elisa kit

Canine Thyroid Stimulating Hormone, TSH ELISA Kit

CATALOG #
AAA80605

REACTIVITY
Dog

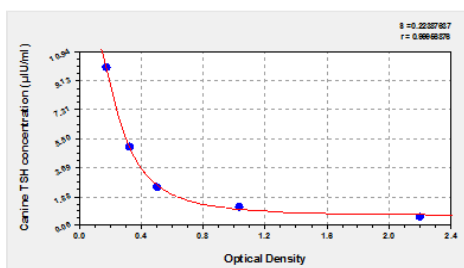
PRODUCT SYNONYMS

Thyroid Stimulating Hormone; TSH; Canine Thyroid Stimulating Hormone; TSH ELISA Kit; TSH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay has high sensitivity and excellent specificity for detection of canine TSH. No significant cross-reactivity or interference between canine TSH and analogues was observed.
Sequence Length	1377
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Competitive
Detection Range	0.625 uIU/ml-10 uIU/ml
Sensitivity	< 0.625 uIU/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TSH elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to TSH. Standards or samples are added to the appropriate microtiter plate wells with biotin-conjugated TSH. A competitive inhibition reaction is launched between TSH (Standards or samples) and Biotin-conjugated TSH with the pre-coated antibody specific for TSH. The more amount of TSH in samples, the less antibody bound by Biotin-conjugated TSH. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Substrate solution is added to the wells and the color develops in opposite to the amount of TSH in the sample. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	469236
UniProt Accession #	Q47692; Q6QE02; Q83WR9
Molecular Weight	148,227 Da
NCBI Official Full Name	Tsh
UniProt Protein Name	Temperature-sensitive hemagglutinin tsh autotransporter
UniProt Gene Name	tsh
UniProt Entry Name	TSH_ECOLX

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-elisa-kits/thyroid-stimulating-hormone-tsh/80605>