

Canine TSH ELISA Kit | TSH elisa kit

TSH (Canine) ELISA

CATALOG #
AAA14212

REACTIVITY
Canine

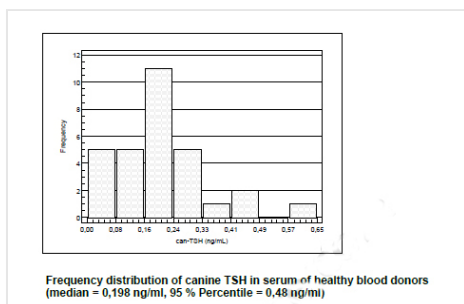
PRODUCT SYNONYMS

TSH; TSH (Canine) ELISA; TSH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	The specificity is defined as the probability of the assay of scoring negative in the absence of the specific analyte. (Detected by method comparison with Mikrogen ELISA, with three lots of our ELISA. 77 samples, therefrom 57 negative samples are assayed with ELISA lot 1-3.) It is 100% (for all three lots).
Sequence Length	1377
Assay Type	Quantitative Sandwich
Samples	Serum and EDTA-plasma
Sensitivity	0.00002 ng/ml
Intra-assay Precision	The intra-assay (within-run) precision of the AAA Biotech' Treponema pallidum IgM ELISA was determined by 20 x measurements of 12 serum samples covering the whole measuring range
Inter-assay Precision	The inter-assay variation of the AAA Biotech pallidum IgM ELISA was determined with 3 samples with 2 production kits in 10 independent runs with 2 replicates per run.
Preparation and Storage	2 - 8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TSH elisa kit	Principle of the Assay: The test kit is a solid phase enzyme immunometric assay (ELISA) in the microplate format, designed for the quantitative measurement of canine TSH. The microplate is coated with an antibody specific for canine TSH. Calibrators and samples are pipetted into the antibody coated microplate. Afterwards, a horseradish peroxidase-labeled antibody is added. During a two hour incubation sandwich complexes consisting of the two antibodies and the canine TSH is formed. Non-reactive components are removed by a washing step. A chromogenic substrate, TMB (3,3',5,5'-Tetra-Methyl-Benzidine), is added to all wells. During a 30 minutes incubation, the substrate is converted to a colored end product (blue) by the bound enzyme. Enzyme reaction is stopped by dispensing hydrochloric acid as stop solution (change from blue to yellow). The color intensity is direct proportional to the concentration of canine TSH present in the sample. The optical density of the color solution is measured with a microplate reader at 450 nm. Intended Uses: TSH canine ELISA is an enzyme immunoassay for the quantitative measurement of canine TSH (thyrotropin) in serum and EDTA-plasma. For manual processing! The usage of laboratory automats is the user's sole responsibility. The kit is intended for single use only.
Product Categories/Family for TSH elisa kit	Endocrinology; Hormones; Oncology; Research Assays; Assay Categories

NCBI AND UNIPROT INFORMATION

NCBI GI #	695199729
NCBI Accession #	YP_009076399.1
NCBI GenBank Nucleotide #	NG_035300.1
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/canine-elisa-kits/tsh/14212>