

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

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CATALOG #
AAA15216

REACTIVITY
Rat

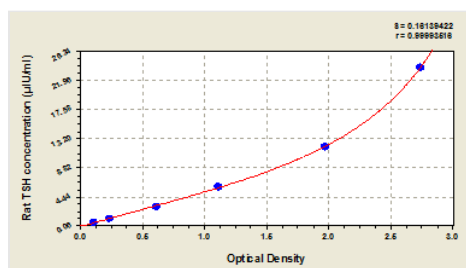
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat TSH. No significant cross-reactivity or interference between rat TSH and analogues was observed.
Sequence Length	1377
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates
Detection Range	0.6 uIU/ml-24 uIU/ml
Sensitivity	< 0.3 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 quantitative sandwich enzyme immunoassay technique. Antibody specific for TSH has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated antibody specific for TSH. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TSH bound in the initial step. The color development is stopped and the intensity of the color is measured.

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://stage.aaabiotech.com/rat-elisa-kits/thyroid-stimulating-hormone-tsh/15216>