

Rat TSH (Thyroid Stimulating Hormone) ELISA Kit | TSH elisa kit

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CATALOG #
AAA250642

REACTIVITY
Rat

PRODUCT SYNONYMS

TSH (Thyroid Stimulating Hormone); Rat TSH (Thyroid Stimulating Hormone) ELISA Kit; Thyrotropin subunit beta; Thyroid-stimulating hormone subunit beta (TSH-B; TSH-beta); Thyrotropin beta chain; Tshb; TSH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of TSH. No significant cross-reactivity or interference between TSH and analogues was observed.
Assay Type	Competitive
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.625-40ng/ml
Sensitivity	0.375ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for TSH elisa kit	Principle of the Assay: This kit was based on Competitive-ELISA detection method. The microtiter plate provided in this kit has been pre-coated with target. During the reaction, target in the sample or standard competes with a fixed amount of target on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to target. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm. The concentration of target in the samples is then determined by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	399124785
NCBI GeneID	25653
NCBI Accession #	NP_037248.2
NCBI GenBank Nucleotide #	NM_013116.2
UniProt Accession #	P04652; Q6GTA8
Molecular Weight	15,505 Da
NCBI Official Full Name	thyrotropin subunit beta

NCBI Official Synonym Full Names	thyroid stimulating hormone, beta
NCBI Official Symbol	Tshb
NCBI Protein Information	thyrotropin subunit beta; TSH-B; TSH-beta; thyroid stimulating hormone, beta subunit; thyroid-stimulating hormone subunit beta; thyrotropin beta chain
UniProt Protein Name	Thyrotropin subunit beta
UniProt Gene Name	Tshb
UniProt Synonym Gene Names	TSH-B; TSH-beta
UniProt Entry Name	TSHB_RAT

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/tsh-rat-elisa-kits/tsh-thyroid-stimulating-hormone/250642>