

Mouse thyrotropin-releasing hormone ELISA Kit | TRH elisa kit

Mouse thyrotropin-releasing hormone, TRH ELISA Kit

CATALOG #
AAA79615

REACTIVITY
Mouse

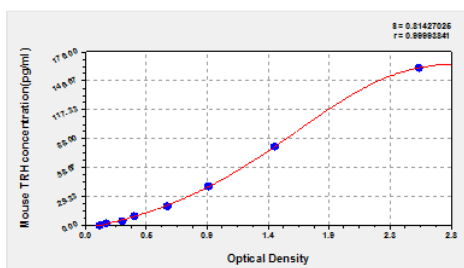
PRODUCT SYNONYMS

thyrotropin-releasing hormone; Mouse thyrotropin-releasing hormone; TRH ELISA Kit; TRH ELISA KIT; MGC125964; MGC125965; ; TRH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse TRH. No significant cross-reactivity or interference between mouse TRH and analogues was observed.
Sequence Length	256
Samples	Serum
Assay Type	Quantitative Sandwich
Detection Range	2.5 pg/ml-160 pg/ml
Sensitivity	< 0.625 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. 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 TRH elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TRH has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TRH present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TRH is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TRH bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	134031937
NCBI GeneID	22044
NCBI Accession #	NP_033452.2
NCBI GenBank Nucleotide #	NM_009426.3
UniProt Accession #	Q62361; Q7TMT4
Molecular Weight	29,195 Da
NCBI Official Full Name	thyrotropin releasing hormone preproprotein
NCBI Official Synonym Full Names	thyrotropin releasing hormone
NCBI Official Symbol	Trh
NCBI Official Synonym Symbols	Trf; Pro-TRH
NCBI Protein Information	thyrotropin releasing hormone; protirelin; prothyroliberin; TSH-releasing factor; thyrotropin-releasing factor; pro-thyrotropin-releasing hormone
UniProt Protein Name	Pro-thyrotropin-releasing hormone
UniProt Gene Name	Trh
UniProt Synonym Gene Names	Pro-TRH; TRH; TRF
UniProt Entry Name	TRH_MOUSE

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/trh-mouse-elisa-kits/thyrotropin-releasing-hormone/79615>