

Rat thyrotropin-releasing hormone ELISA Kit | TRH elisa kit

Rat thyrotropin-releasing hormone, TRH ELISA Kit

CATALOG #
AAA113061

REACTIVITY
Rat

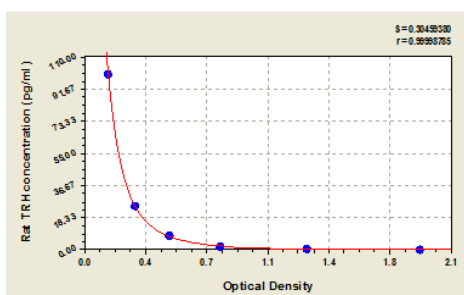
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat TRH. No significant cross-reactivity or interference between Rat TRH and analogues was observed.
Sequence Length	255
Samples	Serum, plasma, tissue homogenates
Assay Type	Competitive
Detection Range	0.5 pg/ml-100 pg/ml
Sensitivity	0.25 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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 competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with goat-anti-rabbit antibody. Standards or samples are added to the appropriate microtiter plate wells with an antibody specific for TRH and Horseradish Peroxidase (HRP) conjugated TRH. The competitive inhibition reaction is launched between with HRP labeled TRH and unlabeled TRH with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of TRH 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 #	7242211
NCBI GeneID	25569
NCBI Accession #	NP_037178.1
NCBI GenBank Nucleotide #	NM_013046.3
UniProt Accession #	P01150
Molecular Weight	29,284 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	THR; Trf; TRH01; 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_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/trh-rat-elisa-kits/thyrotropin-releasing-hormone/113061>