

Human thyrotropin-releasing hormone ELISA Kit | TRH elisa kit

Human thyrotropin-releasing hormone, TRH ELISA Kit

CATALOG #
AAA112743

REACTIVITY
Human

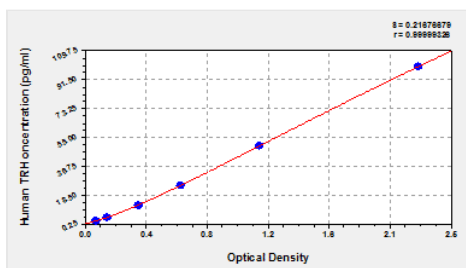
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human TRH. No significant cross-reactivity or interference between Human TRH and analogues was observed.
Sequence Length	242
Samples	Serum, plasma
Assay Type	Sandwich
Detection Range	2.5 pg/ml-100 pg/ml
Sensitivity	1.25 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 quantitative sandwich enzyme immunoassay technique. Antibody specific for TRH has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated antibody specific for TRH. 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 TRH bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6005920
NCBI GeneID	7200
NCBI Accession #	NP_009048.1
NCBI GenBank Nucleotide #	NM_007117.4
UniProt Accession #	P20396; Q2TB83; B2R8R1
Molecular Weight	27,404 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_HUMAN

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/trh-human-elisa-kits/thyrotropin-releasing-hormone/112743>