

Human Thyrotropin-Releasing Hormone (TRH) ELISA Kit | TRH elisa kit

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CATALOG #
AAA330358

REACTIVITY
Human

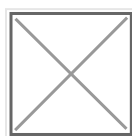
PRODUCT SYNONYMS

Thyrotropin-Releasing Hormone (TRH); Human Thyrotropin-Releasing Hormone (TRH) ELISA Kit; TRH; MGC125964; MGC125965; TRH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Thyrotropin-releasing hormone (TRH) ELISA Kit 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
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	0.75 uIU/mL - 12 uIU/MI
Sensitivity	< 0.05 uIU/mL mL
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%) (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%) (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Thyrotropin-releasing hormone (TRH) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TRH elisa kit

Principle of the Assay: Human Thyrotropin-releasing hormone (TRH) ELISA Kit employs a two-site sandwich ELISA to quantitate TRH in samples. An antibody specific for Human 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, HRP-Conjugated TRH detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen 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 #

[6005920](#)

NCBI GeneID	7200
NCBI Accession #	NP_009048.1
NCBI GenBank Nucleotide #	NP_009048.1
UniProt Accession #	P20396
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
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/human-elisa-kits/thyrotropin-releasing-hormone-trh/330358>