

Human TRH ELISA Kit | TRH elisa kit

Human TRH (Thyrotropin Releasing Hormone) ELISA Kit

CATALOG #
AAA163397

REACTIVITY
Human

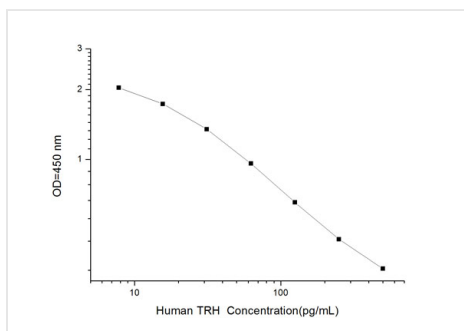
PRODUCT SYNONYMS

TRH; Human TRH (Thyrotropin Releasing Hormone) ELISA Kit; 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. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human TRH and all the analogues, therefore, cross reaction may still exist.
Sequence Length	242
Samples	Serum, Plasma, Biological Fluids
Assay Type	Competitive
Detection Range	7.813-500pg/mL
Sensitivity	Min: 4.688pg/mL; Max: 500pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TRH elisa kit	Description: The kit is a competitive enzyme immunoassay for in vitro quantitative measurement of TRH in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with Human TRH. During the reaction, Human TRH in the sample or standard competes with a fixed amount of Human TRH on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human TRH. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a 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 450 nm +/- 2 nm. The concentration of Human TRH in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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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; TSH-releasing factor; pro-thyrotropin-releasing hormone; prothyroliberin; protirelin; thyrotropin-releasing factor
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://www.aaabiotech.com/human-elisa-kits/trh/163397>