

Mouse thyrotropin-releasing hormone, TRH ELISA Kit | TRH elisa kit

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CATALOG #
AAA42071

REACTIVITY
Mouse

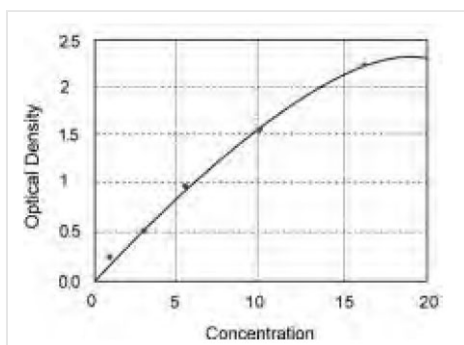
PRODUCT SYNONYMS

thyrotropin-releasing hormone; TRH; Mouse thyrotropin-releasing hormone; TRH ELISA Kit; TRH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	260
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.5-150ng/L
Sensitivity	0.29ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TRH elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse TRH antibody. TRH present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse TRH Antibody is added and binds to TRH in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TRH antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse TRH. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse thyrotropin-releasing hormone (also known as TRH) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	71896293
NCBI GeneID	414344
NCBI Accession #	NP_001025554.1
NCBI GenBank Nucleotide #	NM_001030383.2
UniProt Accession #	Q6ZXC3; Q5DW25
Molecular Weight	30,337 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	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

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/mouse-elisa-kits/thyrotropin-releasing-hormone-trh/42071>