

Human thyrotropin receptor antibody, TRAb ELISA Kit | TRAb elisa kit

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CATALOG #
AAA123734

REACTIVITY
Human

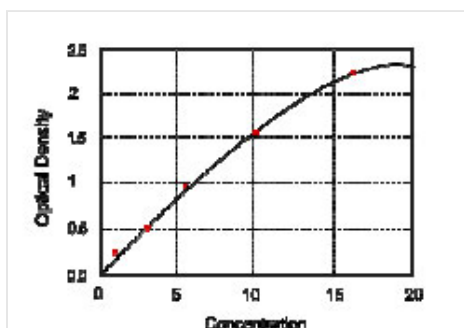
PRODUCT SYNONYMS

thyrotropin receptor antibody; TRAb; Human thyrotropin receptor antibody; TRAb ELISA Kit; TRAb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	763
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	2ng/ml - 700ng/ml
Sensitivity	1.45ng/ml
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 TRAb elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Thyrotropin Receptor Antibody (also known as TRAb) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human TRAb antibody. TRAb present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human TRAb Antibody is added and binds to TRAb in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TRAb 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 Human TRAb. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27806373
NCBI GeneID	281553
NCBI GenBank Nucleotide #	NP_776631.1
UniProt Accession #	Q27987
NCBI Official Full Name	thyrotropin receptor
NCBI Official Synonym Full Names	thyroid stimulating hormone receptor
NCBI Official Symbol	TSHR
NCBI Protein Information	thyrotropin receptor
UniProt Protein Name	Thyrotropin receptor
UniProt Gene Name	TSHR
UniProt Synonym Gene Names	TSH-R
UniProt Entry Name	TSHR_BOVIN

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-receptor-antibody-trab/123734>