

Mouse Thyroid stimulating hormone receptor Antibody (TRAb) ELISA Kit | TRAb elisa kit

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CATALOG #
AAA12401

REACTIVITY
Mouse

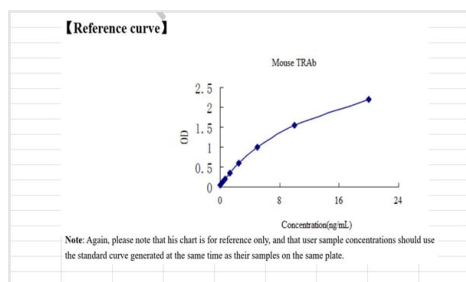
PRODUCT SYNONYMS

Thyroid stimulating hormone receptor Antibody (TRAb); Mouse Thyroid stimulating hormone receptor Antibody (TRAb) ELISA Kit; TRAb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	764
Assay Type	Sandwich
Samples	Mouse serum, plasma, or cell culture supernatant.
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TRAb elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antigen Sandwich ELISA technique. The pre-coated antigen is a related-Mouse TRAb antigen, while the detection antigen is another antigen. Samples are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

62298994

NCBI GeneID	7253
Molecular Weight	30,800 Da
NCBI Official Full Name	Thyrotropin receptor
NCBI Official Synonym Full Names	thyroid stimulating hormone receptor
NCBI Official Symbol	TSHR
NCBI Official Synonym Symbols	LGR3; CHNG1; hTSHR-I
NCBI Protein Information	thyrotropin receptor; thyrotropin receptor-I, hTSHR-I; seven transmembrane helix receptor; thyroid stimulating hormone receptor, isoform 2
UniProt Protein Name	Thyrotropin receptor
UniProt Gene Name	TSHR
UniProt Synonym Gene Names	LGR3; TSH-R
UniProt Entry Name	TSHR_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/mouse-elisa-kits/thyroid-stimulating-hormone-receptor-antibody-trab/12401>