

Mouse TG (Thyroglobulin) ELISA Kit | TG elisa kit

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CATALOG #
AAA278116

REACTIVITY
Mouse

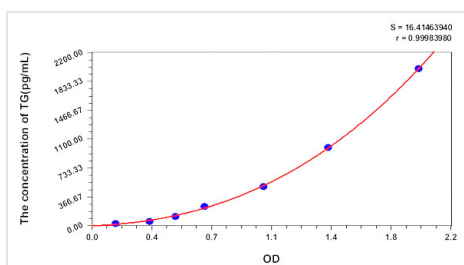
PRODUCT SYNONYMS

TG (Thyroglobulin); Mouse TG (Thyroglobulin) ELISA Kit; AITD3; TGN; TG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.78-50ng/mL
Sensitivity	0.13ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TG elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse TG. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse TG. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Mouse TG, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Mouse TG in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for TG elisa kit

[Endocrinology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	124430576
NCBI GeneID	21819
NCBI Accession #	NP_033401.2

NCBI GenBank Nucleotide #	NM_009375.2
UniProt Accession #	O08710 ; O88590 ; Q2NKY1 ; Q9QWY7
Molecular Weight	304,473 Da
NCBI Official Full Name	thyroglobulin
NCBI Official Synonym Full Names	thyroglobulin
NCBI Official Symbol	Tg
NCBI Official Synonym Symbols	Tgn; cog
NCBI Protein Information	thyroglobulin
UniProt Protein Name	Thyroglobulin
UniProt Gene Name	Tg
UniProt Synonym Gene Names	Tgn; Tg

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/mouse-elisa-kits/tg-thyroglobulin/278116>