

Mouse thyroglobulin ELISA Kit | TG elisa kit

Mouse Thyroglobulin, TG ELISA Kit

CATALOG #
AAA79585

REACTIVITY
Mouse

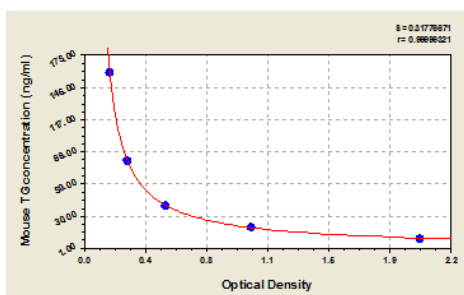
PRODUCT SYNONYMS

thyroglobulin; Mouse Thyroglobulin; TG ELISA Kit; AITD3; TGN; ; TG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse TG. No significant cross-reactivity or interference between mouse TG and analogues was observed.
Sequence Length	2766
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Competitive
Detection Range	10 ng/ml-160 ng/ml
Sensitivity	Typically less than 10 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TG elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to TG. Standards or samples are added to the appropriate microtiter plate wells with Biotin-conjugated TG. A competitive inhibition reaction is launched between TG (Standards or samples) and Biotin-conjugated TG with the pre-coated antibody specific for TG. The more amount of TG in samples, the less antibody bound by Biotin-conjugated TG. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Substrate solution is added to the wells and the color develops in opposite to the amount of TG in the sample. The color development is stopped and the intensity of the color is measured.
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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; congenital goiter
UniProt Protein Name	Thyroglobulin
UniProt Gene Name	Tg
UniProt Synonym Gene Names	Tgn; Tg
UniProt Entry Name	THYG_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/tg-mouse-elisa-kits/thyroglobulin/79585>