

Mouse thyroid peroxidase ELISA Kit | TPO elisa kit

Mouse Thyroid-Peroxidase, TPO ELISA Kit

 CATALOG #
AAA80205

 REACTIVITY
Mouse

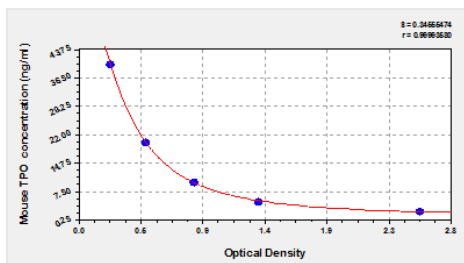
PRODUCT SYNONYMS

thyroid peroxidase; Mouse Thyroid-Peroxidase; TPO ELISA Kit; MSA; TDH2A; TPX; OTTHUMP00000115536; thyroid microsomal antigen; thyroperoxidase; TPO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse TPO. No significant cross-reactivity or interference between mouse TPO and analogues was observed.
Sequence Length	914
Assay Type	Competitive
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Detection Range	2.5 ng/ml-40 ng/ml
Sensitivity	< 2.5 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 TPO 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 TPO. Standards or samples are added to the appropriate microtiter plate wells with Biotin-conjugated TPO. A competitive inhibition reaction is launched between TPO (Standards or samples) and Biotin-conjugated TPO with the pre-coated antibody specific for TPO. The more amount of TPO in samples, the less antibody bound by Biotin-conjugated TPO. 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 TPO in the sample. The color development is stopped and the intensity of the color is measured.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678417
NCBI GeneID	22018
NCBI Accession #	NP_033443.1
NCBI GenBank Nucleotide #	NM_009417.2
UniProt Accession #	P35419; Q8C8B1
Molecular Weight	101,342 Da
NCBI Official Full Name	thyroid peroxidase
NCBI Official Synonym Full Names	thyroid peroxidase
NCBI Official Symbol	Tpo
NCBI Protein Information	thyroid peroxidase
UniProt Protein Name	Thyroid peroxidase
UniProt Gene Name	Tpo
UniProt Synonym Gene Names	TPO
UniProt Entry Name	PERT_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://stage.aaabiotech.com/tpo-mouse-elisa-kits/thyroid-peroxidase/80205>