

Mouse TPO-Ab (Aanti-Thyroid-Peroxidase antibody) ELISA Kit | TPO-Ab elisa kit

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CATALOG # AAA277419	REACTIVITY Mouse
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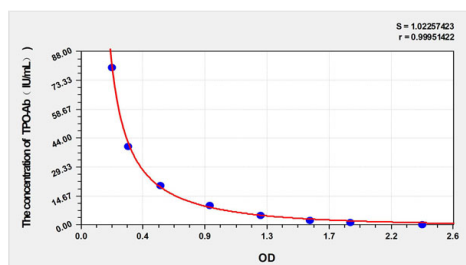
PRODUCT SYNONYMS

TPO-Ab (Aanti-Thyroid-Peroxidase antibody); Mouse TPO-Ab (Aanti-Thyroid-Peroxidase antibody) ELISA Kit; TPO Ab; TPO-Ab; TPO-Ab elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse TPO-Ab. No significant cross-reactivity or interference between Mouse TPO-Ab and analogues was observed.
Assay Type	Competitive
Detection Range	1.25-80 IU/mL
Sensitivity	1.25 IU/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TPO-Ab 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 Mouse TPO-Ab protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse TPO-Ab. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 TPO-Ab in the samples is then determined by comparing the OD of the samples to the standard curve.
Product Categories/Family for TPO-Ab elisa kit	Signal transduction; Metabolic pathway; Infection immunity; Hormone metabolism; Dermatology

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/tpo-ab-aanti-thyroid-peroxidase-antibody/277419>