

Human TG-ab (Thyroglobulin Ab) ELISA Kit | TG-ab elisa kit

Human TG-ab (Thyroglobulin Ab) ELISA Kit

CATALOG #
AAA277145

REACTIVITY
Human

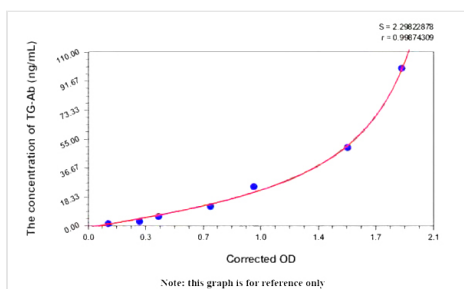
PRODUCT SYNONYMS

TG-ab (Thyroglobulin Ab); Human TG-ab (Thyroglobulin Ab) ELISA Kit; TG AB; TG-AB; TG-ab elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human TG-Ab. No significant cross-reactivity or interference between Human TG-Ab and analogues was observed.
Assay Type	Sandwich
Detection Range	1.57-100 ng/mL
Sensitivity	0.51 ng/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 TG-ab elisa kit

Principle of the Assay: 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 Human TG-Ab. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human TG-Ab. 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 Human TG-Ab, 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 $\pm$ 10nm. The concentration of Human TG-Ab in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for TG-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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/tg-ab-thyroglobulin-ab/277145>