

Human Anti-Thyroid-Globulin Antibody ELISA Kit | ATGA/TGAB elisa kit

Human Anti-Thyroid-Globulin Antibody ELISA Kit

CATALOG #
AAA99493

REACTIVITY
Human

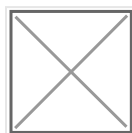
PRODUCT SYNONYMS

Anti-Thyroid-Globulin Antibody; Human Anti-Thyroid-Globulin Antibody ELISA Kit; ATGA/TGAB; ATGA/TGAB elisa kit

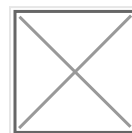
PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich ELISA, Double Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	3.125-200ng/ml
Sensitivity	1.875ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATGA/TGAB elisa kit

Principle of the Assay||This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antigen specific to Human ATGA. Standards or samples are then added to the appropriate micro ELISA plate wells and combined to the specific antigen. Then a biotinylated detection antigen specific for Human ATGA and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human ATGA, biotinylated detection antigen and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turn yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human ATGA. You can calculate the concentration of Human ATGA in the samples by comparing the OD of the samples to the standard curve.

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.