

Chicken Anti-Thyroid Microsome Antibody ELISA Kit | ATMA elisa kit

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CATALOG #
AAA89415

REACTIVITY
Chicken

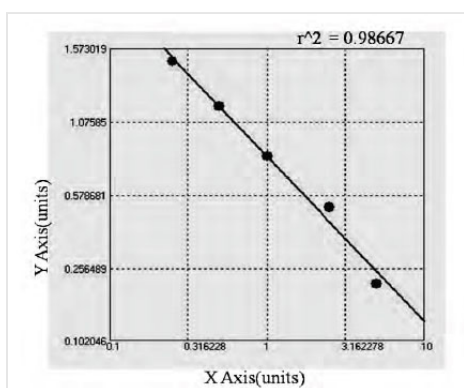
PRODUCT SYNONYMS

Anti-Thyroid Microsome Antibody; Chicken Anti-Thyroid Microsome Antibody ELISA Kit; ATMA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL
Intended Uses	This TMAb ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken TMAb. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATMA elisa kit

Principle of the assay: TMAb ELISA kit applies the competitive enzyme immunoassay technique utilizing Thyroid Microsome antigen and a TMAb-HRP conjugate. The assay sample and buffer are incubated together with TMAb-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TMAb concentration since TMAb from samples and TMAb-HRP conjugate compete for the Thyroid Microsome antigen binding site. Since the number of sites is limited, as more sites are occupied by TMAb from the sample, fewer sites are left to bind TMAb-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TMAb concentration in each sample is interpolated from this 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.

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Online datasheet: <https://stage.aaabiotech.com/atma-chicken-elisa-kits/anti-thyroid-microsome-antibody/89415>