

Human Transthyretin ELISA Kit | TTR elisa kit

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CATALOG #
AAA86049

REACTIVITY
Human

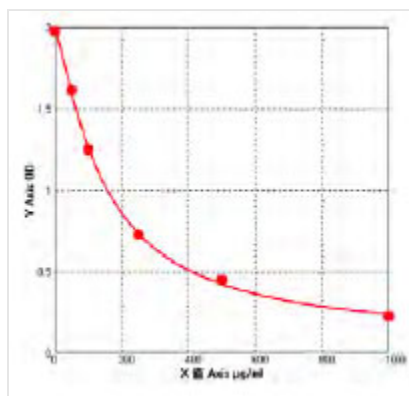
PRODUCT SYNONYMS

Transthyretin; Human Transthyretin ELISA Kit; TTR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TTR elisa kit

Intended Uses: This TTG-IgA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat TTG-IgA. This ELISA kit for research use only!

Principle of the Assay: TTG-IgA ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-TTG-IgA antibody and an TTG-IgA-HRP conjugate. The assay sample and buffer are incubated together with TTG-IgA-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 TTG-IgA concentration since TTG-IgA from samples and TTG-IgA-HRP conjugate compete for the anti-TTG-IgA antibody binding site. Since the number of sites is limited, as more sites are occupied by TTG-IgA from the sample, fewer sites are left to bind TTG-IgA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TTG-IgA concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	806708
Molecular Weight	16,333 Da
NCBI Official Full Name	transthyretin
UniProt Protein Name	Transthyretin
UniProt Gene Name	TTR
UniProt Entry Name	TTHY_SMIMA

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://www.aaabiotech.com/ttr-human-elisa-kits/transthyretin/86049>