

Canine Transthyretin ELISA Kit | TTR elisa kit

Canine Transthyretin ELISA Kit

CATALOG #
AAA91755

REACTIVITY
Canine

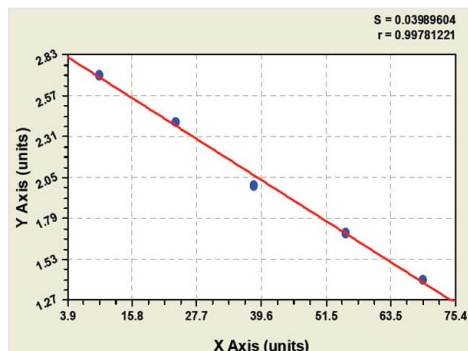
PRODUCT SYNONYMS

Transthyretin; Canine Transthyretin ELISA Kit; TTR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	25-500ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This TTR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine TTR. 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 TTR elisa kit

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

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ttr-canine-elisa-kits/transthyretin/91755>