

Canine Microsomal Triglyceride Transfer Protein ELISA Kit | MTTP elisa kit

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CATALOG #
AAA93922

REACTIVITY
Canine

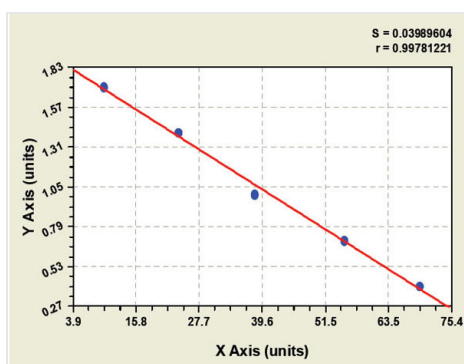
PRODUCT SYNONYMS

Microsomal Triglyceride Transfer Protein; Canine Microsomal Triglyceride Transfer Protein ELISA Kit; MTTP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This MTTP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine MTTP. 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 MTTP elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	4261846
Molecular Weight	2,268 Da
NCBI Official Full Name	microsomal triglyceride transfer protein, partial
UniProt Protein Name	Microsomal triglyceride transfer protein
UniProt Gene Name	MTP
UniProt Entry Name	Q16240_HUMAN

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/mtt-canine-elisa-kits/microsomal-triglyceride-transfer-protein/93922>