

Sheep Microsomal Triglyceride Transfer Protein ELISA Kit | MTTP elisa kit

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CATALOG # AAA96494	REACTIVITY Sheep
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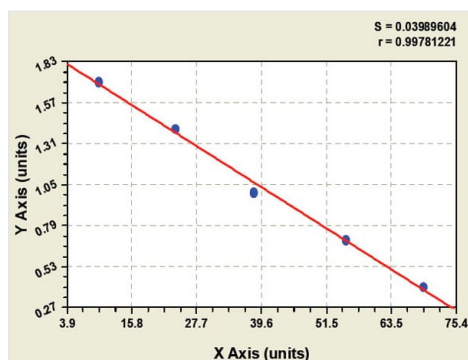
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This MTTP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep MTTP. This ELISA kit for research use only, not for therapeutic applications
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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.
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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/mttp-sheep-elisa-kits/microsomal-triglyceride-transfer-protein/96494>