

Human Microsomal Triglyceride Transfer Protein Large Subunit (MTTP) ELISA Kit | MTTP elisa kit

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CATALOG #
AAA331632

REACTIVITY
Human

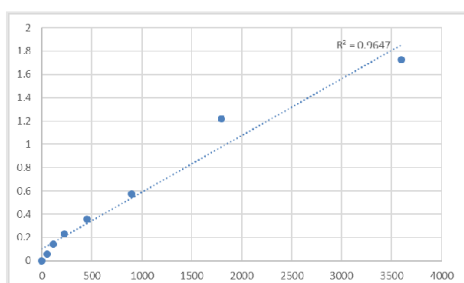
PRODUCT SYNONYMS

Microsomal Triglyceride Transfer Protein Large Subunit (MTTP); Human Microsomal Triglyceride Transfer Protein Large Subunit (MTTP) ELISA Kit; MTTP; ABL; MGC149819; MGC149820; MTP; OTTHUMP00000161646; microsomal triglyceride transfer protein (large polypeptide; 88kDa); microsomal triglyceride transfer protein large subunit; MTTP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Microsomal triglyceride transfer protein large subunit (MTTP) ELISA Kit has high sensitivity and excellent specificity for detection of Human MTTP. No significant cross-reactivity or interference between Human MTTP and analogues was observed.
Sequence Length	894
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Microsomal triglyceride transfer protein large subunit (MTTP) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MTTP elisa kit	Description: This Human Microsomal triglyceride transfer protein large subunit (MTTP) ELISA Kit employs a two-site sandwich ELISA to quantitate MTTP in samples. An antibody specific for MTTP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MTTP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MTTP is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MTTP bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MTTP encodes the large subunit of the heterodimeric microsomal triglyceride transfer protein. Protein disulfide isomerase (PDI) completes the heterodimeric microsomal triglyceride transfer protein, which has been shown to play a central role in lipoprotein assembly. Mutations in MTTP can cause abetalipoproteinemia.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1709167
NCBI GeneID	4547
UniProt Accession #	P55157
NCBI Official Full Name	Microsomal triglyceride transfer protein large subunit
NCBI Official Synonym Full Names	microsomal triglyceride transfer protein
NCBI Official Symbol	MTTP
NCBI Official Synonym Symbols	ABL; MTP
NCBI Protein Information	microsomal triglyceride transfer protein large subunit
UniProt Protein Name	Microsomal triglyceride transfer protein large subunit
UniProt Gene Name	MTTP
UniProt Synonym Gene Names	MTP
UniProt Entry Name	MTP_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.