

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

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CATALOG #
AAA68605

REACTIVITY
Human

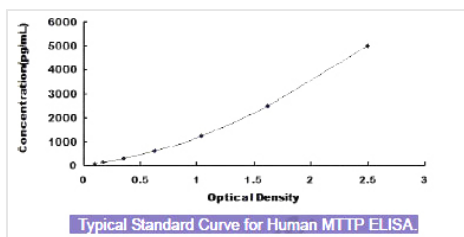
PRODUCT SYNONYMS

Microsomal Triglyceride Transfer Protein (MTTP); Human Microsomal Triglyceride Transfer Protein (MTTP) ELISA Kit; MTP; ABL; Microsomal triglyceride transfer protein large subunit; MTTP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MTTP. No significant cross-reactivity or interference between MTTP and analogues was observed.
Sequence Length	894
Samples	Tissue homogenates, cell lysates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	<36pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MTTP were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MTTP were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MTTP elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of MTTP in human tissue homogenates, cell lysates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MTTP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MTTP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MTTP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of MTTP in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	153285408
NCBI GeneID	4547
NCBI Accession #	NP_000244.2
NCBI GenBank Nucleotide #	NM_000253.3
UniProt Accession #	P55157; Q08AM4; Q6P5T3; A8K428
Molecular Weight	16,865 Da
NCBI Official Full Name	microsomal triglyceride transfer protein large subunit isoform 1
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

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/human-elisa-kits/microsomal-triglyceride-transfer-protein-mttp/68605>