

Human Methylmalonyl-CoA mutase, mitochondrial ELISA Kit | MUT elisa kit

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CATALOG #
AAA196458

REACTIVITY
Human

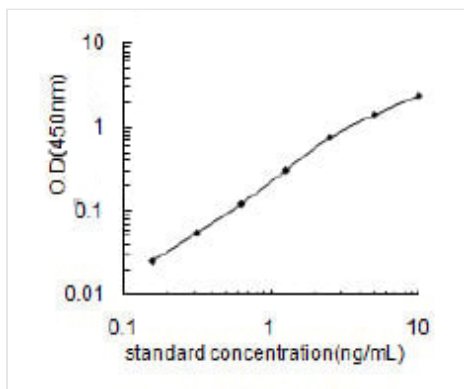
PRODUCT SYNONYMS

Methylmalonyl-CoA mutase; mitochondrial; Human Methylmalonyl-CoA mutase; mitochondrial ELISA Kit; MUT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Methylmalonyl-CoA mutase, mitochondrial
Sequence Length	750
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.094 ng/mL
Intra-assay Precision	<=7.9%
Inter-assay Precision	<=10.3%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MUT elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	156105689
NCBI GeneID	4594
NCBI Accession #	NP_000246.2
NCBI GenBank Nucleotide #	NM_000255.3
UniProt Accession #	P22033; Q5SYZ3; Q96B11; Q9UD64; A8K953
Molecular Weight	83,134 Da
NCBI Official Full Name	methylmalonyl-CoA mutase, mitochondrial
NCBI Official Synonym Full Names	methylmalonyl-CoA mutase
NCBI Official Symbol	MUT
NCBI Official Synonym Symbols	MCM
NCBI Protein Information	methylmalonyl-CoA mutase, mitochondrial
UniProt Protein Name	Methylmalonyl-CoA mutase, mitochondrial
UniProt Gene Name	MUT
UniProt Synonym Gene Names	MCM

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/mut-human-elisa-kits/methylmalonyl-coa-mutase-mitochondrial/196458>