

Rat Malonyl-CoA-acyl carrier protein transacylase, mitochondrial (MCAT) ELISA Kit | MCAT elisa kit

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CATALOG # AAA180172	REACTIVITY Rat
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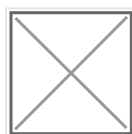
PRODUCT SYNONYMS

Malonyl-CoA-acyl carrier protein transacylase; mitochondrial (MCAT); Rat Malonyl-CoA-acyl carrier protein transacylase; mitochondrial (MCAT) ELISA Kit; MCAT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Sequence Length	390
Samples	Rat serum, plasma or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	20 ng/ml-0.312 ng/ml
Sensitivity	Up to 0.06 ng/ml
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MCAT elisa kit	Principle of the Assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is Rat MCAT monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	51243059
NCBI GeneID	27349

NCBI Accession #	NP_775738.3
NCBI GenBank Nucleotide #	NM_173467.4
Molecular Weight	19,176 Da
NCBI Official Full Name	malonyl-CoA-acyl carrier protein transacylase, mitochondrial isoform a
NCBI Official Synonym Full Names	malonyl CoA:ACP acyltransferase (mitochondrial)
NCBI Official Symbol	MCAT
NCBI Official Synonym Symbols	MT; MCT; fabD; NET62; FASN2C
NCBI Protein Information	malonyl-CoA-acyl carrier protein transacylase, mitochondrial; mitochondrial malonyltransferase; [Acyl-carrier-protein] malonyltransferase; mitochondrial malonyl CoA:ACP acyltransferase; malonyl-CoA:acyl carrier protein transacylase, mitochondrial
UniProt Protein Name	Malonyl-CoA-acyl carrier protein transacylase, mitochondrial
UniProt Gene Name	MCAT
UniProt Synonym Gene Names	MT; MCT
UniProt Entry Name	FABD_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/rat-elisa-kits/malonyl-coa-acyl-carrier-protein-transacylase-mitochondrial-mcat/180172>