

Mouse Acetyl-CoA Acetyltransferase 1 (ACAT1) ELISA Kit | ACAT1 elisa kit

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CATALOG #
AAA121447

REACTIVITY
Mouse

PRODUCT SYNONYMS

Acetyl-CoA Acetyltransferase 1 (ACAT1); Mouse Acetyl-CoA Acetyltransferase 1 (ACAT1) ELISA Kit; ACAT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	427
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.09ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACAT1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Acetyl-CoA Acetyltransferase 1 (also known as ACAT1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse ACAT1 antibody. ACAT1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse ACAT1 Antibody is added and binds to ACAT1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ACAT1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse ACAT1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	410355041
NCBI GeneID	451528
Molecular Weight	45,200 Da
NCBI Official Full Name	acetyl-CoA acetyltransferase 1
NCBI Official Synonym Full Names	acetyl-CoA acetyltransferase 1
NCBI Official Symbol	ACAT1
NCBI Protein Information	acetyl-CoA acetyltransferase, mitochondrial
UniProt Protein Name	ACAT1 isoform 1
UniProt Gene Name	ACAT1

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/mouse-elisa-kits/acetyl-coa-acetyltransferase-1-acat1/121447>