

Human Acetyl Coenzyme A Acetyltransferase 1 (ACAT1) RTU ELISA Kit | ACAT1 rtu elisa kit

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CATALOG # AAA219298	REACTIVITY Human
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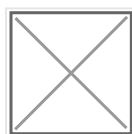
PRODUCT SYNONYMS

Acetyl Coenzyme A Acetyltransferase 1 (ACAT1); Human Acetyl Coenzyme A Acetyltransferase 1 (ACAT1) ELISA Kit; THIL; ACAT; T2; MAT; Acetoacetyl Coenzyme A Thiolase; ACAT1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	427
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	15.6-1000pg/mL
Sensitivity	4.75pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACAT1 rtu elisa kit	Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ACAT1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ACAT1. 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 ACAT1, 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 $\pm$ 10nm. The concentration of ACAT1 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 #	4557237
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NCBI GeneID	38
NCBI Accession #	NP_000010.1
NCBI GenBank Nucleotide #	NM_000019.3
UniProt Accession #	P24752; Q96FG8; B2R6H1; G3XAB4
Molecular Weight	17,175 Da
NCBI Official Full Name	acetyl-CoA acetyltransferase, mitochondrial
NCBI Official Synonym Full Names	acetyl-CoA acetyltransferase 1
NCBI Official Symbol	ACAT1
NCBI Official Synonym Symbols	T2; MAT; ACAT; THIL
NCBI Protein Information	acetyl-CoA acetyltransferase, mitochondrial
UniProt Protein Name	Acetyl-CoA acetyltransferase, mitochondrial
UniProt Gene Name	ACAT1
UniProt Synonym Gene Names	ACAT; MAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/human-rtu-elisa-kits/acetyl-coenzyme-a-acetyltransferase-1-acat1/219298>