

Mouse Lecithin Cholesterol Acyltransferase (LCAT) RTU ELISA Kit | LCAT rtu elisa kit

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CATALOG #
AAA216738

REACTIVITY
Mouse

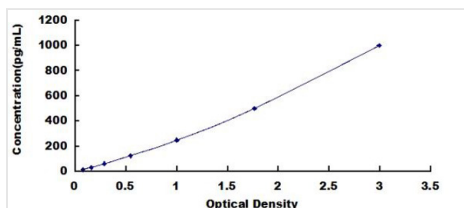
PRODUCT SYNONYMS

Lecithin Cholesterol Acyltransferase (LCAT); Mouse Lecithin Cholesterol Acyltransferase (LCAT) ELISA Kit; phosphatidylcholine-sterol O-acyltransferase; Phospholipid-cholesterol acyltransferase; LCAT rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	438
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	15.6-1000pg/mL
Sensitivity	6.9pg/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 LCAT rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to LCAT. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to LCAT. 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 LCAT, 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 LCAT in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	244791354
NCBI GeneID	16816
NCBI Accession #	NP_032516.2
NCBI GenBank Nucleotide #	NM_008490.2
UniProt Accession #	P16301; Q8K139
Molecular Weight	49,747 Da
NCBI Official Full Name	phosphatidylcholine-sterol acyltransferase
NCBI Official Synonym Full Names	lecithin cholesterol acyltransferase
NCBI Official Symbol	Lcat
NCBI Official Synonym Symbols	AI046659; D8Wsu61e
NCBI Protein Information	phosphatidylcholine-sterol acyltransferase
UniProt Protein Name	Phosphatidylcholine-sterol acyltransferase
UniProt Gene Name	Lcat

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://www.aaabiotech.com/mouse-rtu-elisa-kits/lecithin-cholesterol-acyltransferase-lcat/216738>