

Human Lysophosphatidylcholine Acyltransferase 3 (LPCAT3) RTU ELISA Kit | LPCAT3 rtu elisa kit

Human Lysophosphatidylcholine Acyltransferase 3 (LPCAT3) ELISA Kit

CATALOG #
AAA216850

REACTIVITY
Human

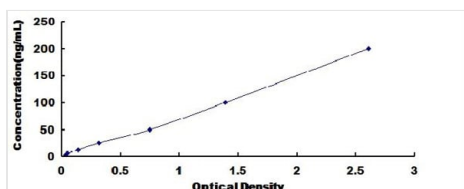
PRODUCT SYNONYMS

Lysophosphatidylcholine Acyltransferase 3 (LPCAT3); Human Lysophosphatidylcholine Acyltransferase 3 (LPCAT3) ELISA Kit; MBOAT5; C3F; OACT5; Nussy; LPSAT; Membrane Bound O-AcylTransferase Domain Containing 5; Lysophospholipid Acyltransferase 5; Lysophosphatidylserine acyltransferase; LPCAT3 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	487
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	3.12-200ng/mL
Sensitivity	1.29ng/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 LPCAT3 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to LPCAT3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to LPCAT3. 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 LPCAT3, 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 LPCAT3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	42542394
NCBI GeneID	10162
NCBI Accession #	NP_005759.4
NCBI GenBank Nucleotide #	NM_005768.5
UniProt Accession #	Q6P1A2; Q7KZS1; Q92980; Q9BW40; B2RDH0; B7Z3N3
Molecular Weight	46,765 Da
NCBI Official Full Name	lysophospholipid acyltransferase 5
NCBI Official Synonym Full Names	lysophosphatidylcholine acyltransferase 3
NCBI Official Symbol	LPCAT3
NCBI Official Synonym Symbols	C3F; LPCAT; LPSAT; OACT5; nessy; MBOAT5; LPLAT 5
NCBI Protein Information	lysophospholipid acyltransferase 5
UniProt Protein Name	Lysophospholipid acyltransferase 5
UniProt Gene Name	LPCAT3
UniProt Synonym Gene Names	MBOAT5; OACT5; LPLAT 5; LPCAT; Lyso-PC acyltransferase; Lyso-PC acyltransferase 3; LPSAT; Lyso-PS acyltransferase; O-acyltransferase domain-containing protein 5

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://www.aaabiotech.com/human-rtu-elisa-kits/lysophosphatidylcholine-acyltransferase-3-lpcat3/216850>