

Human Lysophosphatidylcholine Acyltransferase 2 (LPCAT2) RTU ELISA Kit | LPCAT2 rtu elisa kit

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CATALOG #
AAA216848

REACTIVITY
Human

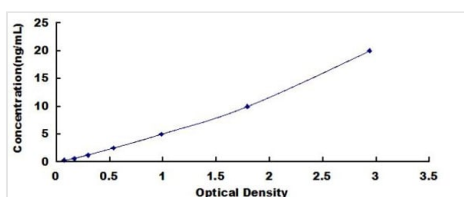
PRODUCT SYNONYMS

Lysophosphatidylcholine Acyltransferase 2 (LPCAT2); Human Lysophosphatidylcholine Acyltransferase 2 (LPCAT2) ELISA Kit; AYTL1; Acyltransferase Like 1; 1-acylglycerol-3-phosphate O-acyltransferase 11; Lysophosphatidic acid acyltransferase alpha; 1-alkylglycerophosphocholine O-acetyltransferase; LPCAT2 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	544
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	1.56-100ng/mL
Sensitivity	0.58ng/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 LPCAT2 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to LPCAT2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to LPCAT2. 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 LPCAT2, 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 LPCAT2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47086907
NCBI GeneID	54947
NCBI Accession #	NP_060309.2
NCBI GenBank Nucleotide #	NM_017839.4
UniProt Accession #	Q7L5N7; Q6MZJ6; Q9NX23; A3KBM1
Molecular Weight	30,895 Da
NCBI Official Full Name	lysophosphatidylcholine acyltransferase 2
NCBI Official Synonym Full Names	lysophosphatidylcholine acyltransferase 2
NCBI Official Symbol	LPCAT2
NCBI Official Synonym Symbols	AYTL1; AGPAT11; LysoPAFAT
NCBI Protein Information	lysophosphatidylcholine acyltransferase 2
UniProt Protein Name	Lysophosphatidylcholine acyltransferase 2
UniProt Gene Name	LPCAT2
UniProt Synonym Gene Names	AGPAT11; AYTL1; LPC acyltransferase 2; LPCAT-2; LysoPC acyltransferase 2; 1-AGP acyltransferase 11; 1-AGPAT 11; Acetyl-CoA:lyso-PAF acetyltransferase; Lyso-PAF acetyltransferase; LysoPAFAT; LPAAT-alpha

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/lysophosphatidylcholine-acyltransferase-2-lpcat2/216848>