

Human Lecithin Cholesterol Acyltransferase (LCAT) ELISA Kit | LCAT elisa kit

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CATALOG #
AAA41342

REACTIVITY
Human

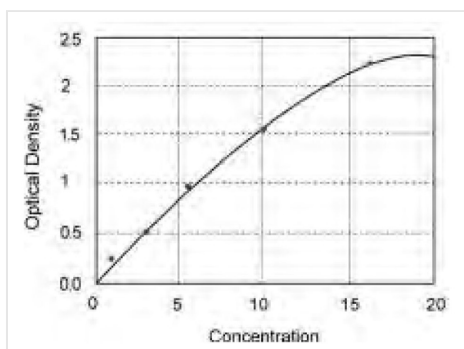
PRODUCT SYNONYMS

Lecithin Cholesterol Acyltransferase (LCAT); Human Lecithin Cholesterol Acyltransferase (LCAT) ELISA Kit; LCAT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	444
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	3-900U/L
Sensitivity	1.52U/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 LCAT elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human LCAT antibody. LCAT present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human LCAT Antibody is added and binds to LCAT in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated LCAT 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 Human LCAT. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Lecithin Cholesterol Acyltransferase (also known as LCAT) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	459996769
Molecular Weight	50,330 Da
NCBI Official Full Name	lecithin cholesterol acyltransferase
UniProt Protein Name	Lecithin cholesterol 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/human-elisa-kits/lecithin-cholesterol-acyltransferase-lcat/41342>