

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

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CATALOG #
AAA41477

REACTIVITY
Mouse

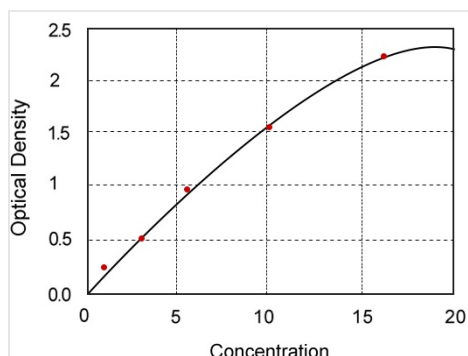
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	444
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 40ng/ml
Sensitivity	0.043ng/ml
Intra-Assay	CV<8%
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

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Lecithin Cholesterol Acyltransferase (also known as LCAT) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse LCAT antibody. LCAT present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse 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 Mouse LCAT. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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	Icat

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://stage.aaabiotech.com/mouse-elisa-kits/lecithin-cholesterol-acyltransferase-icat/41477>