

Mouse Leukotriene A4 Hydrolase (LTA4H) ELISA Kit | LTA4H elisa kit

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CATALOG #
AAA121514

REACTIVITY
Mouse

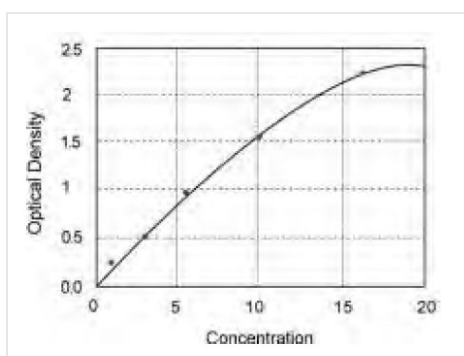
PRODUCT SYNONYMS

Leukotriene A4 Hydrolase (LTA4H); Mouse Leukotriene A4 Hydrolase (LTA4H) ELISA Kit; LTA4H elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	611
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-15ng/ml
Sensitivity	0.027ng/ml
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 LTA4H elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse LTA4H antibody. LTA4H present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse LTA4H Antibody is added and binds to LTA4H in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated LTA4H 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 LTA4H. 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 Mouse Leukotriene A4 Hydrolase (also known as LTA4H) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	976396
NCBI GeneID	4048
Molecular Weight	59,733 Da
NCBI Official Full Name	leukotriene A4 hydrolase
NCBI Official Synonym Full Names	leukotriene A4 hydrolase
NCBI Official Symbol	LTA4H
NCBI Protein Information	leukotriene A-4 hydrolase
UniProt Protein Name	Leukotriene A-4 hydrolase
UniProt Gene Name	LTA4H
UniProt Synonym Gene Names	LTA4; LTA-4 hydrolase

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/leukotriene-a4-hydrolase-lta4h/121514>