

Mouse Leukotriene D4 (LTD4) ELISA Kit | LTD4 elisa kit

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CATALOG #
AAA121560

REACTIVITY
Mouse

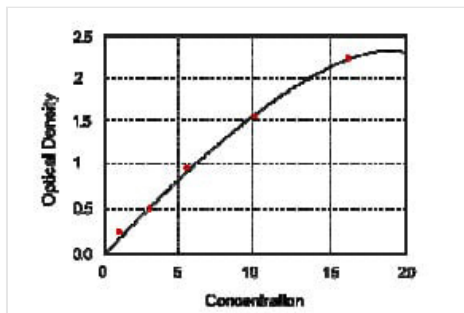
PRODUCT SYNONYMS

Leukotriene D4 (LTD4); Mouse Leukotriene D4 (LTD4) ELISA Kit; LTD4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	5-2000ng/ml
Sensitivity	2.35ng/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 LTD4 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Leukotriene D4 (also known as LTD4) in serum, culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse LTD4 antibody. LTD4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse LTD4 Antibody is added and binds to LTD4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated LTD4 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 LTD4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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-d4-ltd4/121560>