

Canine Leukotriene B4, LTB4 ELISA Kit

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CATALOG #
AAA123800

REACTIVITY
Canine

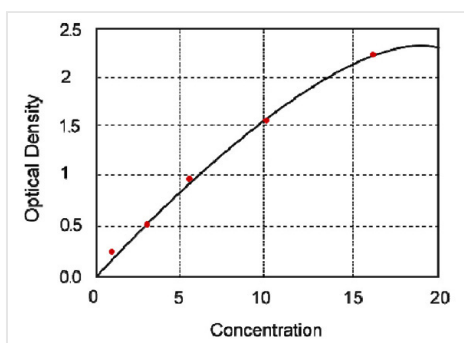
PRODUCT SYNONYMS

Leukotriene B4; LTB4; Canine Leukotriene B4; LTB4 ELISA Kit; LTB4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Assay Type	Competitive
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	20-4500ng/L
Sensitivity	9.93ng/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< 10%
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< 12%
Preparation and Storage	Store the reagents at 2-8 degree C. For long term storage refer to the expiration date keep it at -20 degree C. Avoid repeated thaw cycles. If individual reagents are opened it is recommended that the kit be used within 1 month.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Leukotriene B4, LTB4 elisa kit	Principle of the Assay: This kit is a Enzyme-Linked Immunosorbent Assay (ELISA). Add samples to the pre-coated plate. Then add biotinylated antigen. The antigens in the samples compete with the biotinylated antigen to bind to the capture antibody and incubate. Unbound antigen is washed away during a washing step. An avidin-HRP is then added and then incubate. Unbound avidin-HRP is washed away during a washing step. TMB Substrate is then added and color develops. The reaction is stopped by addition of acidic stop solution and color changes into yellow that can be measured at 450 nm. The intensity of the color developed is inversely proportional to the concentration of LTB4 in the sample. The concentration of LTB4 in the sample is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This competitive ELISA kit is for the quantification of Leukotriene B4(also known as LTB4) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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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/canine-elisa-kits/leukotriene-b4-ltb4/123800>