

Goat Leukotriene B4 ELISA Kit | LTB4 elisa kit

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CATALOG #
AAA92745

REACTIVITY
Goat

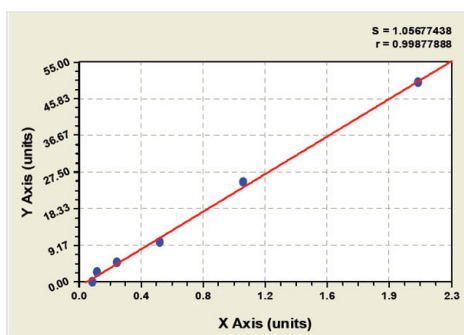
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



ADDITIONAL INFORMATION

Related Product Information for LTB4 elisa kit

Intended Uses: This LTB4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat LTB4. This ELISA kit for research use only!

Principle of the Assay: LTB4 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for LTB4. Standards or samples are then added to the microtiter plate wells and LTB4 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of LTB4 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for LTB4 are added to each well to "sandwich" the LTB4 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain LTB4 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LTB4 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for LTB4 elisa kit

Immunology

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/lfb4-goat-elisa-kits/leukotriene-b4/92745>