

Human Leukotriene E4 (LT-E4) ELISA Kit | LT-E4 elisa kit

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CATALOG #
AAA331913

REACTIVITY
Human

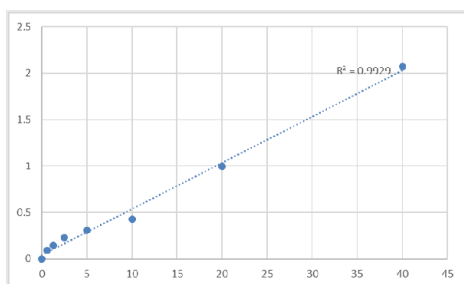
PRODUCT SYNONYMS

Leukotriene E4 (LT-E4); Human Leukotriene E4 (LT-E4) ELISA Kit; LT-E4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Leukotriene E4 (LT-E4) ELISA Kit has high sensitivity and excellent specificity for detection of Human LT-E4. No significant cross-reactivity or interference between Human LT-E4 and analogues was observed.
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Leukotriene E4 (LT-E4) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for LT-E4 elisa kit	Description: This Human Leukotriene E4 (LT-E4) ELISA Kit employs a two-site sandwich ELISA to quantitate LT-E4 in samples. An antibody specific for LT-E4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any LT-E4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LT-E4 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of LT-E4 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: A biologically active principle of SRS-A that is formed from LEUKOTRIENE D4 via a peptidase reaction that removes the glycine residue. The biological actions of LTE4 are similar to LTC4 and LTD4.
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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://www.aaabiotech.com/human-elisa-kits/leukotriene-e4-lt-e4/331913>