

Rat LTB4R (Leukotriene B4 receptor 1) ELISA Kit | LTB4R elisa kit

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CATALOG #
AAA249846

REACTIVITY
Rat

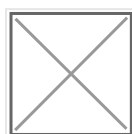
PRODUCT SYNONYMS

LTB4R (Leukotriene B4 receptor 1); Rat LTB4R (Leukotriene B4 receptor 1) ELISA Kit; Leukotriene B4 receptor 1; LTB4-R 1; LTB4-R1; BIt; Ltb4r; LTB4R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of LTB4R. No significant cross-reactivity or interference between LTB4R and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LTB4R elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11067371
NCBI GeneID	59264

NCBI Accession #	NP_067688.1
NCBI GenBank Nucleotide #	NM_021656.1
UniProt Accession #	Q9R0Q2
Molecular Weight	37,931 Da
NCBI Official Full Name	leukotriene B4 receptor 1
NCBI Official Synonym Full Names	leukotriene B4 receptor
NCBI Official Symbol	Ltb4r
NCBI Official Synonym Symbols	Ltb4r1
NCBI Protein Information	leukotriene B4 receptor 1
UniProt Protein Name	Leukotriene B4 receptor 1
UniProt Gene Name	Ltb4r
UniProt Synonym Gene Names	Blt; LTB4-R 1; LTB4-R1
UniProt Entry Name	LT4R1_RAT

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/rat-elisa-kits/ltb4r-leukotriene-b4-receptor-1/249846>