

Mouse Leukotriene B4 receptor 1 ELISA Kit | Ltb4r elisa kit

Mouse Leukotriene B4 receptor 1 ELISA Kit

CATALOG # AAA97722	REACTIVITY Mouse
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PRODUCT SYNONYMS

Leukotriene B4 receptor 1; Mouse Leukotriene B4 receptor 1 ELISA Kit; Ltb4r/LTB4-R 1/LTB4-R1//P2Y purinoceptor 7/P2Y7/Chemoattractant receptor-like 1/G-protein coupled receptor 16/BLT1/LTB4R1/chemokine receptor-like 1/CMKRL1/leukotriene B4 receptor/LTBR1/purinergic receptor P2Y; G-protein coupled; 7; Ltb4r elisa kit

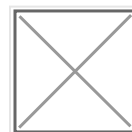
PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	352
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
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)



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. Anti-Mouse Ltb4r antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Ltb4r antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Mouse Ltb4r amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Ltb4r can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	221218998
NCBI GeneID	1241
NCBI Accession #	NP_001137391.1
NCBI GenBank Nucleotide #	NM_001143919.2

Molecular Weight	37,557 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	BLT1; BLTR; P2Y7; GPR16; LTBR1; P2RY7; CMKRL1; LTB4R1
NCBI Protein Information	leukotriene B4 receptor 1
UniProt Protein Name	Leukotriene B4 receptor 1
UniProt Gene Name	LTB4R
UniProt Synonym Gene Names	BLT; BLT1; BLTR; CMKRL1; GPR16; P2RY7; LTB4-R 1; LTB4-R1; P2Y7
UniProt Entry Name	LT4R1_HUMAN

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/ltb4r-mouse-elisa-kits/leukotriene-b4-receptor-1/97722>