

Rat Leukotriene B4 receptor 1, LTB4R ELISA Kit | LTB4R elisa kit

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CATALOG #
AAA43460

REACTIVITY
Rat

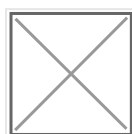
PRODUCT SYNONYMS

Leukotriene B4 receptor 1; LTB4R; Rat Leukotriene B4 receptor 1; LTB4R ELISA Kit; LTB4R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	352
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml-15ng/ml
Sensitivity	0.021ng/ml
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<8%
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<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LTB4R elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Leukocyte Common Antigen (also known as LCA/CD45) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat LCA/CD45 antibody. LCA/CD45 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat LCA/CD45 Antibody is added and binds to LCA/CD45 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated LCA/CD45 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat LCA/CD45. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #

[31881792](#)

NCBI GeneID	1241
NCBI Accession #	NP_858043.1
NCBI GenBank Nucleotide #	NM_181657.3
UniProt Accession #	Q15722 ; Q13305 ; Q53XV5 ; Q92641 ; Q9BSU5
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

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/leukotriene-b4-receptor-1-ltb4r/43460>