

Mouse Leukotriene B4 receptor 2, LTB4R2 ELISA Kit | LTB4R2 elisa kit

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CATALOG #
AAA43626

REACTIVITY
Mouse

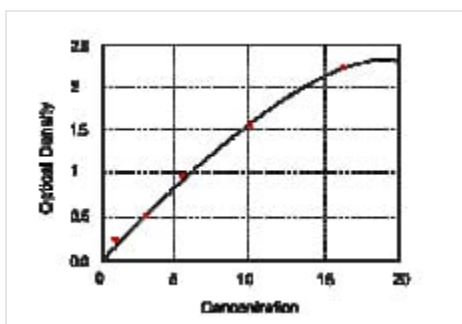
PRODUCT SYNONYMS

Leukotriene B4 receptor 2; LTB4R2; Mouse Leukotriene B4 receptor 2; LTB4R2 ELISA Kit; LTB4R2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	358
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 20ng/ml
Sensitivity	0.018ng/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 LTB4R2 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Leukotriene B4 Receptor 2 (also known as LTB4R2) 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 Mouse LTB4R2 antibody. LTB4R2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse LTB4R2 Antibody is added and binds to LTB4R2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated LTB4R2 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 Mouse LTB4R2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	291042665
NCBI GeneID	56413
NCBI Accession #	NP_062813.2
NCBI GenBank Nucleotide #	NM_019839.4
UniProt Accession #	Q9NPC1; Q5KU28; Q9NPE5
Molecular Weight	37,942 Da
NCBI Official Full Name	leukotriene B4 receptor 2
NCBI Official Synonym Full Names	leukotriene B4 receptor 2
NCBI Official Symbol	LTB4R2
NCBI Official Synonym Symbols	BLT2; NOP9; BLTR2; JULF2; KPG_004; LTB4-R2; LTB4-R 2
NCBI Protein Information	leukotriene B4 receptor 2
UniProt Protein Name	Leukotriene B4 receptor 2
UniProt Gene Name	LTB4R2
UniProt Synonym Gene Names	BLT2R; BLTR2; LTB4-R 2; LTB4-R2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/leukotriene-b4-receptor-2-ltb4r2/43626>