

Human Arachidonate 15-lipoxygenase B ELISA Kit | ALOX15B elisa kit

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CATALOG # AAA17362	REACTIVITY Human
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PRODUCT SYNONYMS

Arachidonate 15-lipoxygenase B; Human Arachidonate 15-lipoxygenase B ELISA Kit; ALOX15B (Arachidonate 15-lipoxygenase B)/15-LOX-B/15-LOX-2/Linoleate 13-lipoxygenase 15-Lob/15-lipoxygenase 2/Arachidonate 15-lipoxygenase type II; ALOX15B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ALOX15B. No significant cross-reactivity or interference between ALOX15B and analogues was observed.
Sequence Length	677
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 ALOX15B 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	23463277
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NCBI GeneID	266604
NCBI Accession #	NP_695213.1
NCBI GenBank Nucleotide #	NM_153301.2
Molecular Weight	76,145 Da
NCBI Official Full Name	arachidonate 15-lipoxygenase B
NCBI Official Synonym Full Names	arachidonate 15-lipoxygenase, type B
NCBI Official Symbol	Alox15b
NCBI Protein Information	arachidonate 15-lipoxygenase B
UniProt Protein Name	Arachidonate 15-lipoxygenase B
UniProt Gene Name	Alox15b
UniProt Synonym Gene Names	15-LOX-B; 15-LOX-2
UniProt Entry Name	LX15B_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/alox15b-human-elisa-kits/arachidonate-15-lipoxygenase-b/17362>