

Human Arachidonate 15-Lipoxygenase, ALOX15 ELISA Kit | ALOX15 elisa kit

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CATALOG #
AAA123192

REACTIVITY
Human

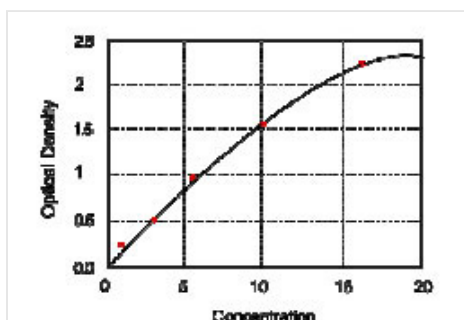
PRODUCT SYNONYMS

Arachidonate 15-Lipoxygenase; ALOX15; Human Arachidonate 15-Lipoxygenase; ALOX15 ELISA Kit; ALOX15 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	662
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	20ng/L - 3800ng/L
Sensitivity	9.68ng/L
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 ALOX15 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Apolipoprotein C-2 (also known as APOC2) 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 Human APOC2 antibody. APOC2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human APOC2 Antibody is added and binds to APOC2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated APOC2 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 Human APOC2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40316937
NCBI GeneID	246
NCBI GenBank Nucleotide #	NP_001131.3
UniProt Accession #	P16050
NCBI Official Full Name	arachidonate 15-lipoxygenase
NCBI Official Synonym Full Names	arachidonate 15-lipoxygenase
NCBI Official Symbol	ALOX15
NCBI Official Synonym Symbols	LOG15; 12-LOX; 15-LOX; 15-LOX-1
NCBI Protein Information	arachidonate 15-lipoxygenase
UniProt Protein Name	Arachidonate 15-lipoxygenase
UniProt Gene Name	ALOX15
UniProt Synonym Gene Names	LOG15; 15-LOX
UniProt Entry Name	LOX15_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/human-elisa-kits/arachidonate-15-lipoxygenase-alox15/123192>