

Human Lipoxin A4 ELISA Kit | LXA4 elisa kit

Human Lipoxin A4 (LXA4) ELISA Kit

CATALOG #
AAA55807

REACTIVITY
Human

PRODUCT SYNONYMS

Lipoxin A4; Human Lipoxin A4 (LXA4) ELISA Kit; LXA4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human LTA4. No significant cross-reactivity or interference between Human LTA4 and analogues was observed.
Sequence Length	351
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.78 ng/mL-50 ng/mL
Sensitivity	0.39 ng/mL (mean of 6 independent assays).
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times 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 forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for LXA4 elisa kit	Intended Uses: For the quantitative detection of Human Leukotriene A4 (LTA4) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate LTA4 in Human serum, plasma. An antibody specific for LTA4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any LTA4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LTA4 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of LTA4 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1916076
NCBI GeneID	2358
Molecular Weight	38,964 Da
NCBI Official Full Name	lipoxin A4 receptor
NCBI Official Synonym Full Names	formyl peptide receptor 2

NCBI Official Symbol	FPR2
NCBI Official Synonym Symbols	ALXR; HM63; FMLPX; FPR2A; FPRH1; FPRH2; FPRL1; LXA4R; FMLP-R-II
NCBI Protein Information	N-formyl peptide receptor 2
UniProt Protein Name	N-formyl peptide receptor 2
UniProt Gene Name	FPR2
UniProt Synonym Gene Names	FPRH1; FPRL1; LXA4R; FMLP-R-I; LXA4 receptor
UniProt Entry Name	FPR2_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://www.aaabiotech.com/lxa4-human-elisa-kits/lipoxin-a4/55807>