

General Lipoxin A4 ELISA Kit | LXA4 elisa kit

Lipoxin A4 ELISA Kit

CATALOG #
AAA99694

REACTIVITY
General

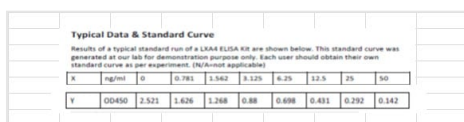
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This assay has high sensitivity and excellent specificity for detection of LXA4. No significant cross-reactivity or interference between LXA4 and analogues was observed.
Sequence Length	351
Assay Type	Competitive ELISA, Coated with Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	7.813-500pg/ml
Sensitivity	4.688pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level LXA4 were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level LXA4 were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: 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 LXA4 elisa kit

Principle of the Assay: This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with LXA4. During the reaction, LXA4 in the sample or standard competes with a fixed amount of LXA4 on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to LXA4. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin(SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of LXA4 in the samples is then determined by comparing the OD. of the samples to the standard curve.

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://stage.aaabiotech.com/lxa4-general-elisa-kits/lipoxin-a4/99694>