

Guinea Pig Lipoxin A4 ELISA Kit | LXA4 elisa kit

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CATALOG #
AAA96421

REACTIVITY
Guinea Pig

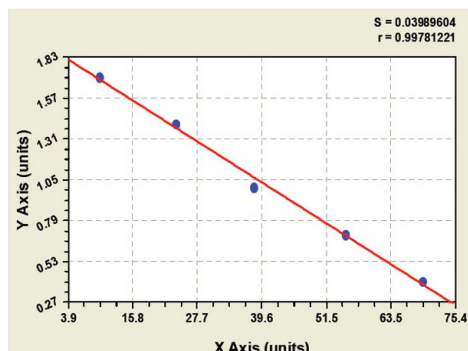
PRODUCT SYNONYMS

Lipoxin A4; Guinea pig Lipoxin A4 ELISA Kit; LXA4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This LXA4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig LXA4. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LXA4 elisa kit	Principle of the Assay: LXA4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-LXA4 antibody and an LXA4-HRP conjugate. The assay sample and buffer are incubated together with LXA4-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the LXA4 concentration since LXA4 from samples and LXA4-HRP conjugate compete for the anti-LXA4 antibody binding site. Since the number of sites is limited, as more sites are occupied by LXA4 from the sample, fewer sites are left to bind LXA4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LXA4 concentration in each sample is interpolated from this standard curve.
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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; RFP; FMLP-R-I; LXA4 receptor; FMLP-related receptor I; formyl peptide receptor-like 1; lipoxin A4 receptor (formyl peptide receptor related)
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.