

Feline Lipoxin A4 (LXA4) ELISA Kit-Competitive

Cat. No.: EK2F199

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Feline Lipoxin A4 (LXA4) ELISA Kit-Competitive is designed for the quantitative determination of Feline Lipoxin A4 (LXA4) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Competitive ELISA method. For research use only.

Specifications

Assay Type	ELISA-Competitive
Specificity	The assay kit is specific for Feline LXA4.
Target Species	Feline
Species Reactivity	Feline
Detection Range	626-40000 pg/mL
Sensitivity	175.4 pg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 120 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Lipoxin A4 (LXA4) is a trihydroxy fatty acid containing a conjugated tetraene. It is an endogenous lipid mediator derived from the lipoxin family. LXA4 exhibits potent anti-inflammatory and pro-resolving properties. It acts as an endogenous "braking signal" during inflammatory processes. LXA4 inhibits the proliferation of human epidermal keratinocytes (NHEKs) associated with the ERK1/2 and NF-κB pathways. LXA4 inhibits the proliferation of human epidermal keratinocytes (NHEKs) associated with the ERK1/2 and NF-κB pathways. Lipoxin A4 is reported to have an anti-inflammatory and pro-resolving property in several inflammatory diseases.

Target/Biomarker	Feline LXA4
Target Synonym	LX-A4

Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.