

Datasheet for ABIN5026944
ALOX15 ELISA Kit



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1 Image

Overview

Quantity: 96 tests

Target: ALOX15

Reactivity: Human

Method Type: Sandwich ELISA

Detection Range: 62.5-4000 pg/mL

Minimum Detection Limit: 62.5 pg/mL

Application: ELISA

Product Details

Purpose: This immunoassay kit allows for the in vitro quantitative determination of Human 15-LO concentrations in serum, plasma and other biological fluids. This kit is for Research Use Only. Not for use in diagnostic/therapeutics procedures.

Sample Type: Plasma, Serum

Analytical Method: Quantitative

Detection Method: Colorimetric

Sensitivity: < 37.5 pg/mL

Components: plate, standard, diluent, antibodies

Material not included: pipettes, tubes, reader, incubator

Target Details

Target:	ALOX15
Alternative Name:	15-LO (Arachidonate 15-Lipoxygenase) (ALOX15 Products)
Pathways:	Regulation of Actin Filament Polymerization

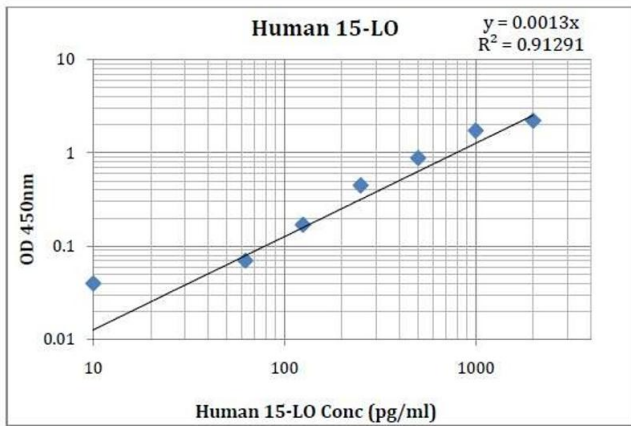
Application Details

Sample Volume:	100 μ L
Assay Time:	3 - 4 h
Plate:	Pre-coated
Protocol:	<p>This assay employs an antibody specific for Anti-human 15-LO coated on a 96-well plate. Standards and samples are pipetted into the wells and 15-LO present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-human 15-LO antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of 15-LO bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.</p>
Restrictions:	For Research Use only

Handling

Precaution of Use:	protect your eyes
Storage:	4 °C

Human 15-LO Standard Curve is shown below.



ELISA

Image 1.