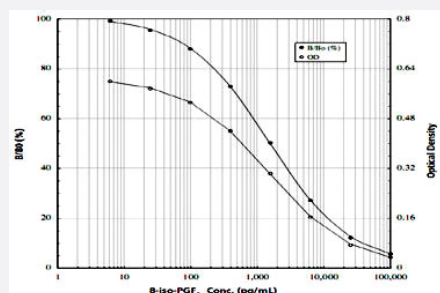


# 8-iso-PGF2-alpha ELISA Kit

Catalog # KA0298      Size 1 Kit

## Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

## Specification

<b>Product Description</b>	8-iso-PGF2-alpha ELISA Kit is a competitive immunoassay for the quantitative determination of free 8-iso-Prostaglandin F2-alpha in biological fluids.
<b>Suitable Sample</b>	Cell Culture Supernatant, Tissue, Urine
<b>Sample Volume</b>	100 uL
<b>Label</b>	AP-conjugate
<b>Detection Method</b>	Colorimetric
<b>Assay Type</b>	Quantitative
<b>Intra-Assay</b>	7.10%
<b>Inter-Assay</b>	8.30%
<b>Spiking Recovery</b>	Cell Culture Supernatant: 129.00%, Urine: 101.58%
<b>Calibration Range</b>	6.1 to 100000 pg/mL
<b>Limit of Detection</b>	16.3 pg/mL
<b>Regulation Status</b>	For research use only (RUO)

**Quality Control Testing**

## Standard curve

The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

**Storage Instruction**

Store the kit at 4°C.

## Applications

- Quantification

## Publication Reference

- [Histone demethylase KDM3a, a novel regulator of vascular smooth muscle cells, controls vascular neointimal hyperplasia in diabetic rats.](#)

Chen J, Zhang J, Yang J, Xu L, Hu Q, Xu C, Yang S, Jiang H.

Atherosclerosis 2016 Dec; 257:152.

Application: Quant, Rat, Rat blood