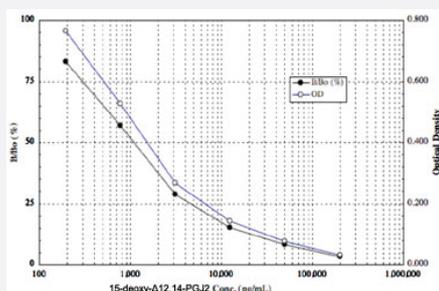


# 15-deoxy-Delta12,14-PGJ2 ELISA Kit

Catalog # KA0303      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>	15-deoxy-Delta12,14-PGJ2 ELISA Kit is a competitive immunoassay for the quantitative determination of 15-deoxy-Delta12,14-Prostaglandin J2 (15-d-PGJ2) in biological fluids.
<b>Suitable Sample</b>	Plasma, Saliva, Tissue culture media and 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>	6.23%
<b>Inter-Assay</b>	14.40%
<b>Spiking Recovery</b>	Cell Culture Supernatant: 97.40%, Plasma: 105.00%, Saliva: 94.40%, Urine: 113.90%
<b>Calibration Range</b>	195 to 200000 pg/mL
<b>Limit of Detection</b>	36.8 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 all components at 4°C, except standard and conjugate at -20°C

## Applications

- Quantification

## Publication Reference

- [Chronic Methylmercury Exposure Induces Production of Prostaglandins: Evidence From A Population Study and A Rat Dosing Experiment.](#)

Kong HK, Gan CF, Xiong M, Kwok KW, Lui GC, Li P, Chan HM, Lo SC.

Environmental Science & Technology 2019 Jul; 53(13):7782.

Application: Quant, Human, Human serum

- [Antimycotics suppress the Malassezia extract-induced production of CXC chemokine ligand 10 in human keratinocytes.](#)

Hau CS, Kanda N, Makimura K, Watanabe S.

The Journal of Dermatology 2014 Feb; 41(2):124.

Application: ELISA, Human, Culture supernatants from keratinocytes

- [Suppressive effects of antimycotics on thymic stromal lymphopoietin production in human keratinocytes.](#)

Hau CS, Kanda N, Watanabe S.

Journal of Dermatological Science 2013 Sep; 71(3):174.

Application: ELISA, Human, Keratinocytes