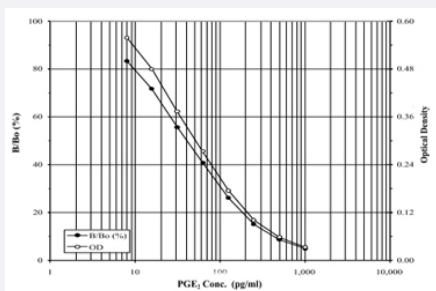


# Prostaglandin E2 ELISA Kit

Catalog # KA0326

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

### Product Description

PGE2 High Sensitivity ELISA Kit is a competitive immunoassay for the quantitative determination of Prostaglandin E2 in biological fluids.

### Suitable Sample

Saliva, Serum, Tissue culture media, Urine and Whole Blood

### Sample Volume

100 uL

### Label

AP-conjugate

### Detection Method

Colorimetric

### Assay Type

Quantitative

### Intra-Assay

6.30%

### Inter-Assay

10.90%

### Spiking Recovery

Cell Culture Supernatant: 104.40%, Male Serum: 126.10%, Female Serum: 113.70%, Saliva: 123.30%, Urine: 108.90%, Whole Blood: 101.20%

### Calibration Range

7.8 to 1000 pg/mL

### Limit of Detection

8.26 pg/mL

### Regulation Status

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**

The standard and conjugate must be stored at -20°C; others store at 4°C.

## Applications

- Quantification

## Publication Reference

- [Anti-inflammatory activity of the dietary supplement Houltuynia cordata fermentation product in RAW264.7 cells and Wistar rats.](#)

Khanutsanan Woranam, Gulsiri Senawong, Suppawit Utaiwat, Sirinda Yunchalard, Jintana Sattayasai, Thanaset Senawong.  
PLoS One 2020 Mar; 15(3):e0230645.

Application: Quant, Mouse, Raw 264.7 cells

- [Upregulated immuno-modulator PD-L1 in malignant peripheral nerve sheath tumors provides a potential biomarker and a therapeutic target.](#)

Farschtschi S, Kluwe L, Park SJ, Oh SJ, Mah N, Mautner VF, Kurtz A.  
Cancer Immunology, Immunotherapy : CII 2020 Jul; 69(7):1307.

Application: ELISA, Human, Serum