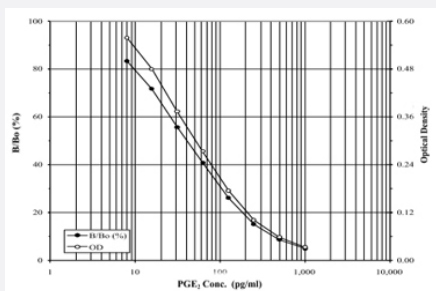


Prostaglandin E2 ELISA Kit

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 Houttuynia 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