

# PGE2 (Prostaglandin E2) ELISA Kit

Catalog No: tcee5213



## Available Sizes

---

**Size:** 96T



## Specifications

---

**Application:**

This ELISA kit applies to the in vitro quantitative determination of PGE2 concentrations in serum, plasma and other biological fluids.

**Species Reactivity:**

Universal

**Sample Type:**

serum, plasma and other biological fluids; 50μL

**Assay Type:**

Competitive

**Sensitivity:**

18.75pg/mL

**Detection Range:**

31.25~2000pg/mL

**Assay Time:**

2.5h

**Detection Method:**

Competitive-ELISA

**Tested Application:**

ELISA

**Storage Instruction:**

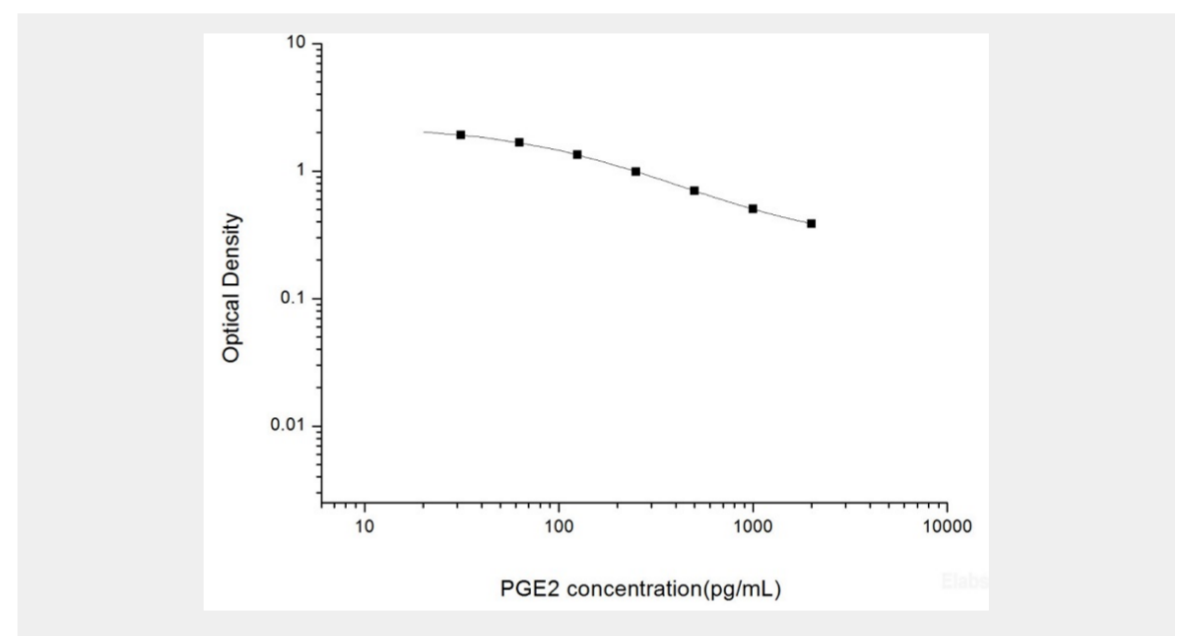
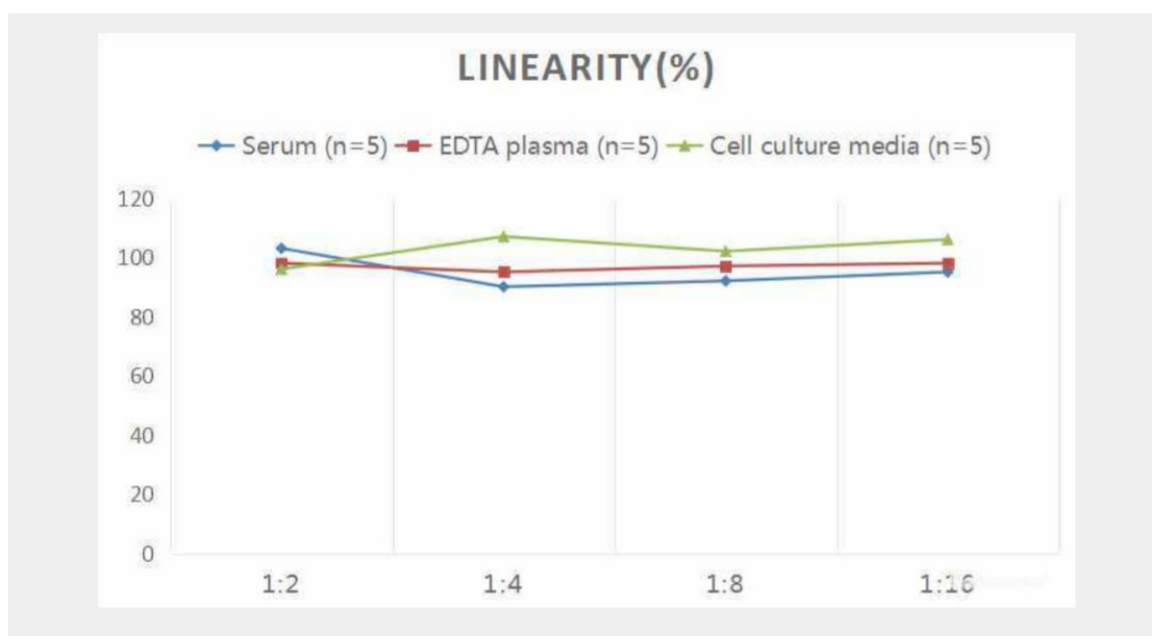
An unopened kit can be stored at 4°C for 1 month. If the kit is not used within 1 month, store the items separately according to the detailed information on the manual once the kit is received

## Notes

Specificity: This kit recognizes PGE2 in samples. No significant cross-reactivity or interference between PGE2 and analogues was observed. Both intra-CV and inter-CV are < 10%

## Product Description

This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with PGE2. During the reaction, PGE2 in the sample or standard competes with a fixed amount of PGE2 on the solid phase supporter for sites on the Biotinylated Detection Ab specific to PGE2. Excess conjugate and unbound sample or standard are washed away, and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns from blue to yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of PGE2 in tested samples can be calculated by comparing the OD of the samples to the standard curve.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!