PGE1 ELISA kit

The PGE_1 ELISA kit is a colorimetric competitive enzyme immunoassay kit

The PGE_1 EIA kit is a colorimetric competitive enzyme immunoassay kit with results in < 3 hours. Absorbance is read at 405 nm. Assay up to 38 samples in duplicate per kit with excellent detection sensitivity.

Prostaglandin E_1 (PGE_1) is synthesized from dihomo-γ-linolenic acid (DGLA). PGE_1 has been shown to have a number of biological actions, including vasodilation, proliferation of vascular smooth muscle cells, platelet aggregation and has been shown to have insulin-like actions. Its effects are induced by receptor mediated elevation of cAMP. PGE_1 is the major prostaglandin in semen.

Citations: 9 View Online »

Ordering Information

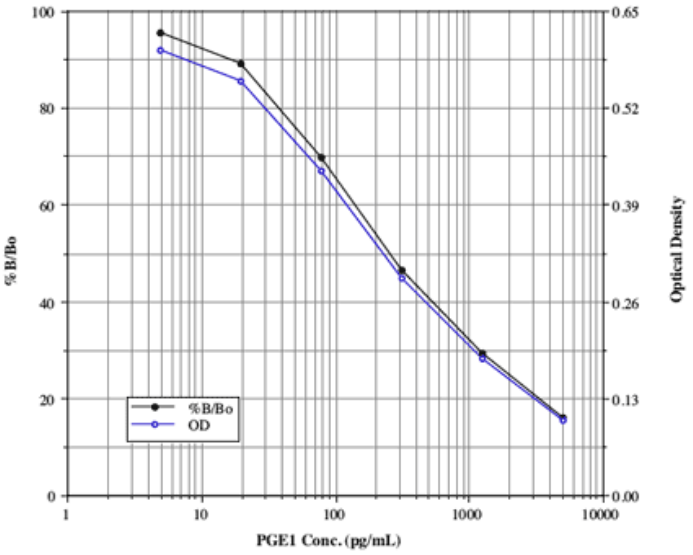
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ADI-900-005	96 wells

Manuals, SDS & CofA

View Online »

- Results in from up to 38 samples in duplicate in less than 3 hours
- Validated in multiple same matrices
- Suitable for use with any species
- Reproducible results day-after-day and lot-after-lot


100
80
60
40
20
0
%B/Bo
0.65
0.52
0.39
0.26
0.13
0.00
Optical Density
%B/Bo
OD
1
10
100
1000
10000
PGE1 Conc. (pg/mL)

Handling & Storage

Use/Stability	Store all components 4°C, except conjugate -20°C.
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Prostaglandin E1
Application	Colorimetric detection, ELISA
Application Notes	For the quantitative determination of PGE_1 in culture supernatants, plasma, serum, saliva, and urine from any species. Cited sample types include simulated interstitial lung fluid.
Compatibility	This product is compatible with the **Absorbance 96 Plate Reader**.
Contents	DxS IgG Microtiter plate, Conjugate, Antibody, Assay buffer, Wash buffer concentrate, Standard, pNpp Substrate, Stop solution
Sensitivity	5.58 pg/ml (range 4.88 – 5,000 pg/ml)
Species Reactivity	Species independent
Wavelength	405 nm

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