

Product Datasheet

General Prostaglandin E2 (PGE2) ELISA Kit (orb1806528)

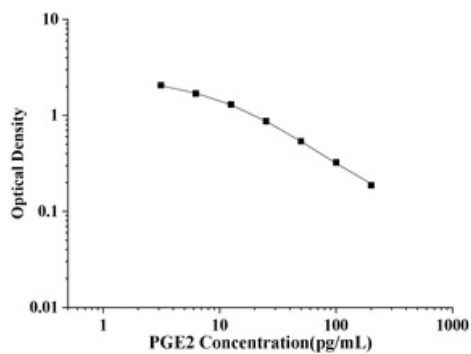
Catalog Number	orb1806528
Description	General Prostaglandin E2 (PGE2) ELISA Kit
Reactivity	All
Range	3.13-200 pg/mL
Target	PGE2
Note	For research use only
Application notes	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Prostaglandin E2(PGE2) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Prostaglandin E2(PGE2). Next,Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of Prostaglandin E2(PGE2) in the samples is then determined by comparing the OD of the samples to the standard curve.
Sample Types	serum, plasma and other biological fluids
Assay Time	1.5H
Sensitivity	0.97 pg/mL
Expiration Date	Please enquire.

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