

Rat PGE2 (Prostaglandin E2) ELISA kit

This kit applies competitive inhibition ELISA method for the quantitative detection of PGE2 (Prostaglandin E2) in rat samples. The microtiter plate provided in this kit has been pre-coated with Rat PGE2 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat PGE2 in the samples is then determined by comparing the OD of the samples to the standard curve.

Catalog No.	3038711
Size	96-Wells
Product Category	ELISA (Quantitative)
Reactivity	Rat
Sample	Serum; Plasma; Other Biological Fluids
Assay Method	Competitive Inhibition ELISA
Assay Duration	2 hours
Sensitivity	0.97 pg/mL
Standard Curve Range	3.13-200 pg/mL
Storage/Stability	-20°C/1 year; 4°C/6 months