

Prostacyclin (PGI₂) Rapid ELISA kit

This Rapid ELISA kit applies Competitive Inhibition enzyme immunoassay technique for the quantitative detection. The micro ELISA plate provided in this kit has been pre-coated with Prostacyclin (PGI₂) protein. Standards or samples are added to the appropriate micro ELISA plate wells then with a biotin-conjugated antibody specific to Prostacyclin (PGI₂) . 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 Prostacyclin (PGI₂) in the samples is then determined by comparing the OD of the samples to the standard curve.

Catalog No.	3510095
Size	96-Well Tests
Product Category	Rapid ELISA
Reactivity	Various
Sample	Serum; Plasma; Other Biological Fluids
Assay Method	Competitive Inhibition ELISA
Assay Duration	45 min
Sensitivity	0.93 pg/mL
Standard Curve Range	3.13-200 pg/mL
Storage/Stability	-20°C/1 year; 4°C/6 months