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## Product Datasheet

### Rat PGF2alpha(Prostaglandin F2 Alpha) ELISA Kit EBT-ELK9878

Article Name	Rat PGF2alpha(Prostaglandin F2 Alpha) ELISA Kit
Biozol Catalog Number	EBT-ELK9878
Supplier Catalog Number	ELK9878
Alternative Catalog Number	EBT-ELK9878-96, EBT-ELK9878-48, EBT-ELK9878-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	800 pg/mL
Range	12.5-800 pg/mL
Sensitivity	3.71 pg/mL
Samples	Serum, plasma, saliva and other biological fluids

Application Notes	<p>Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Metabolic pathway, Cardiovascular biology, Hormone metabolism, .</p> <p>Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Rat PGF2alpha. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat PGF2alpha. 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 10nm. The concentration of Rat PGF2alpha in the samples is then determined by comparing the OD of the samples to the standard curve</p>
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