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Product Datasheet

Human 8-iso prostaglandin F2alpha (8-iso-PGF2a) ELISA Kit EBT-ELK8402

Article Name	Human 8-iso prostaglandin F2alpha (8-iso-PGF2a) ELISA Kit
Biozol Catalog Number	EBT-ELK8402
Supplier Catalog Number	ELK8402
Alternative Catalog Number	EBT-ELK8402-96,EBT-ELK8402-48,EBT-ELK8402-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	2000 pg/mL
Range	31.25-2000 pg/mL
Sensitivity	8 pg/mL
Samples	serum, plasma and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Endocrinology, Pulmonology, Hepatology, Hormone metabolism,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human 8-iso-PGF2a. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 8-iso-PGF2a. 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 Human 8-iso-PGF2a in the samples is then determined by comparing the OD of the samples to the standard curve