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Product Datasheet

8-iso-PGF2alpha(8-isoprostane) ELISA Kit EBT-ELK0151

Article Name	8-iso-PGF2alpha(8-isoprostane) ELISA Kit
Biozol Catalog Number	EBT-ELK0151
Supplier Catalog Number	ELK0151
Alternative Catalog Number	EBT-ELK0151-96, EBT-ELK0151-48, EBT-ELK0151-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	All
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	4.47 pg/mL
Samples	serum, plasma and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2.5h. 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 8-iso-PGF2alpha. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to 8-iso-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 8-iso-PGF2alpha in the samples is then determined by comparing the OD of the samples to the standard curve