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Product Datasheet

Mouse 8-iso-PGF2alpha(8-isoprostan e) ELISA Kit EBT-ELK8379

Article Name	Mouse 8-iso-PGF2alpha(8-isoprostan e) ELISA Kit
Biozol Catalog Number	EBT-ELK8379
Supplier Catalog Number	ELK8379
Alternative Catalog Number	EBT-ELK8379-96,EBT-ELK8379-48,EBT-ELK8379-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	1000 pg/mL
Range	15.625-1000 pg/mL
Sensitivity	9.252 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 Mouse 8-iso-PGF2alpha. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse 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 Mouse 8-iso-PGF2alpha in the samples is then determined by comparing the OD of the samples to the standard curve