

Product Datasheet

Chicken 8-iso-PGF2 α (8-isoprostane) ELISA Kit (orb1946638)

Description	Chicken 8-iso-PGF2 α (8-isoprostane) ELISA Kit
Reactivity	Gallus
Range	15.625-1000 pg/mL
Target	8-iso-PGF2a
Note	For research use only
Application notes	<p>This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with 8-isoprostane(8-iso-PGF2α) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to 8-isoprostane(8-iso-PGF2α). 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 8-isoprostane(8-iso-PGF2α) in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
Sample Types	serum, plasma and other biological fluids
Sensitivity	9.375 pg/mL
Expiration Date	Please enquire.

