

Product Datasheet

Human Prostaglandin F2 Alpha (PGF2a) ELISA Kit (orb1088176)

Catalog Number orb1088176

Category Assays and Kits

Description This assay employs the competitive inhibition enzyme immunoassay technique.

The microtiter plate provided in this kit has been pre-coated with Prostaglandin F2 Alpha(PGF2a) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Prostaglandin F2 Alpha(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 $450 \text{nm} \pm 10 \text{nm}$. The concentration of Prostaglandin F2 Alpha(PGF2a) in the samples is then determined by comparing

the OD of the samples to the standard curve.

Reactivity Human

Concentration 800 pg/mL

Application notes standard: 800 pg/mL. Test principle: This assay employs the competitive

inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human PGF2a protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 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 $450 \text{nm} \pm 10 \text{nm}$. The concentration of Human PGF2a in the samples is then determined by comparing the OD of the

samples to the standard curve

Assay Type Competitive

Assay Time 2.5h





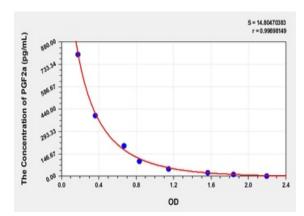
Range 12.5-800 pg/mL

Sensitivity 4.01 pg/mL

Sample Types serum, plasma and other biological fluids

Note For research use only

Expiration Date Please enquire.



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