

## 8-epi-PGF2a (8-Epi Prostaglandin F2 alpha) ELISA kit

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This kit applies competitive inhibition ELISA method for the quantitative detection of 8-epi-PGF2a (8-Epi Prostaglandin F2 alpha) in various species samples. The microtiter plate provided in this kit has been pre-coated with 8-epi-PGF2a protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to 8-epi-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  $\pm$ 10nm. The concentration of 8-epi-PGF2a in the samples is then determined by comparing the OD of the samples to the standard curve.

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| Catalog No.          | 3008044                                |
| Size                 | 96-Wells                               |
| Product Category     | ELISA (Quantitative)                   |
| Reactivity           | Various                                |
| Sample               | Serum; Plasma; Other Biological Fluids |
| Assay Method         | Competitive Inhibition ELISA           |
| Assay Duration       | 2 hours                                |
| Sensitivity          | 9.55 pg/mL                             |
| Standard Curve Range | 31.25-2000 pg/mL                       |
| Storage/Stability    | -20°C/1 year; 4°C/6 months             |