

## Bovine Prostaglandin F2 ELISA Kit | PGF2 elisa kit

Bovine Prostaglandin F2 ELISA Kit

CATALOG #  
AAA94736

REACTIVITY  
Bovine

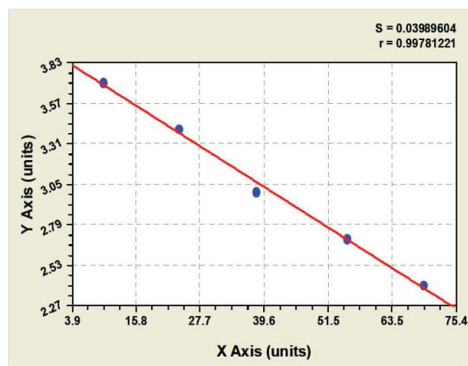
### PRODUCT SYNONYMS

Prostaglandin F2; Bovine Prostaglandin F2 ELISA Kit; PGF2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Bovine                                                                                                                                                                                  |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                              |
| Sensitivity             | 1.0 pg/mL.                                                                                                                                                                              |
| Intended Uses           | This PGF2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine PGF2. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                     |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for PGF2 elisa kit

**Principle of the Assay:** monoclonal anti-PGF2 antibody and an PGF2-HRP conjugate. The assay sample and buffer are incubated together with PGF2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PGF2 concentration since PGF2 from samples and PGF2-HRP conjugate compete for the anti-PGF2 antibody binding site. Since the number of sites is limited, as more sites are occupied by PGF2 from the sample, fewer sites are left to bind PGF2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PGF2 concentration in each sample is interpolated from this standard curve.

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.