

## Mouse 6-keto-prostaglandin F1a, 6-K-PGF1a ELISA Kit | 6ketoPGF1a elisa kit

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CATALOG #  
**AAA79981**

REACTIVITY  
**Mouse**

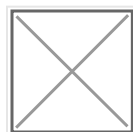
### PRODUCT SYNONYMS

6-keto-prostaglandin F1a; 6-K-PGF1a; Mouse 6-keto-prostaglandin F1a; 6-K-PGF1a ELISA Kit; 6ketoPGF1a elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                                                                                                                                                                                                 |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of mouse 6-K-PGF1a. No significant cross-reactivity or interference between mouse 6-K-PGF1a and analogues was observed.                                                                                                                                                                       |
| Samples                 | Serum, plasma, tissue homogenates                                                                                                                                                                                                                                                                                                                                     |
| Assay Type              | Competitive                                                                                                                                                                                                                                                                                                                                                           |
| Detection Range         | 25 pg/ml -1000 pg/ml.                                                                                                                                                                                                                                                                                                                                                 |
| Sensitivity             | The minimum detectable dose of mouse 6-K-PGF1a is typically less than 25 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest mouse 6-K-PGF1a concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations. |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.                                                                                                                                                                                                                     |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.                                                                                                                                                                                                                               |
| Preparation and Storage | Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.                                                                                                                                                                                                                                     |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for 6ketoPGF1a elisa kit

Principle of the assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with goat-anti-rabbit antibody. Standards or samples are added to the appropriate microtiter plate wells with an antibody specific for 6-K-PGF1a and Horseradish Peroxidase (HRP) conjugated 6-K-PGF1a. The competitive inhibition reaction is launched between with HRP labeled 6-K-PGF1a and unlabeled 6-K-PGF1a with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of 6-K-PGF1a in the sample. The color development is stopped and the intensity of the color is measured.

**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.

