

## Pig Estrogen ELISA Kit | E elisa kit

Pig Estrogen (E) ELISA Kit

CATALOG #  
**AAA55468**

REACTIVITY  
**Pig**

### PRODUCT SYNONYMS

Estrogen; Pig Estrogen (E) ELISA Kit; E elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Pig                                                                                                                                                                                                  |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Pig Estrogen. No significant cross-reactivity or interference between Pig Estrogen and analogues was observed.            |
| Samples                 | serum, plasma and other biological fluids                                                                                                                                                            |
| Assay Type              | Quantitative Competitive                                                                                                                                                                             |
| Detection Range         | 40 pg/mL - 1500 pg/mL.                                                                                                                                                                               |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%                     |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<10% |
| Preparation and Storage | Store at 2-8 degree C.                                                                                                                                                                               |

### ADDITIONAL INFORMATION

#### Related Product Information for E elisa kit

Intended Uses: For the quantitative detection of Pig Estrogen (E) concentration in serum, plasma and other biological fluids.

Principle of the Assay: This assay employs the competitive 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 Estrogen and Horseradish Peroxidase (HRP) conjugated Estrogen. The competitive inhibition reaction is launched between with HRP labeled Estrogen and unlabeled Estrogen with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of Estrogen 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.

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