

## Mouse Luteinizing Hormone (LH) ELISA Kit | LH elisa kit

Mini Samples Luteinizing Hormone (LH) ELISA Kit

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| CATALOG #<br><b>AAA23122</b> | REACTIVITY<br><b>Mouse</b> | APPLICATIONS<br><b>ELISA</b> |
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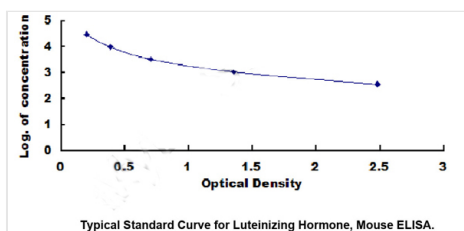
### PRODUCT SYNONYMS

Luteinizing Hormone (LH); Mini Samples Luteinizing Hormone (LH) ELISA Kit; ICSH; Lutropin; Interstitial Cell Stimulating Hormone; LH elisa kit

### PRODUCT SPECIFICATIONS

|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Reactivity                               | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity                              | This assay has high sensitivity and excellent specificity for detection of luteinizing hormone. No significant cross-reactivity or interference between luteinizing hormone and analogues was observed.                                                                                                                                                                                                                                                                                    |
| Assay Type                               | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Samples                                  | Mouse serum, plasma and other biological fluids                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Detection Range                          | 370.4-30,000pg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Sensitivity                              | < 137.3pg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Applicable Applications for LH elisa kit | ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Application Notes                        | Enzyme-linked immunosorbent assay for Antigen Detection.                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Intra-assay Precision                    | Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level luteinizing hormone were tested 20 times on one plate, respectively. Intra-Assay: CV<10%                                                                                                                                                                                                                                                                                                      |
| Inter-assay Precision                    | Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level luteinizing hormone were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%                                                                                                                                                                                                                                                                    |
| Preparation and Storage                  | The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.<br>To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end. |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

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| Related Product Information for LH elisa kit | <p>Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. An antibody specific to luteinizing hormone has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled luteinizing hormone and unlabeled luteinizing hormone (Standards or samples) with the pre-coated antibody specific to luteinizing hormone. After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of luteinizing hormone in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of luteinizing hormone in the sample.</p> <p>Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of luteinizing hormone in mouse serum, plasma and other biological fluids.</p> |
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**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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Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/luteinizing-hormone-lh/23122>