

## Rat Lutenizing hormone ELISA Kit | LH elisa kit

Rat Lutenizing hormone, LH ELISA Kit

CATALOG #  
AAA15090

REACTIVITY  
Rat

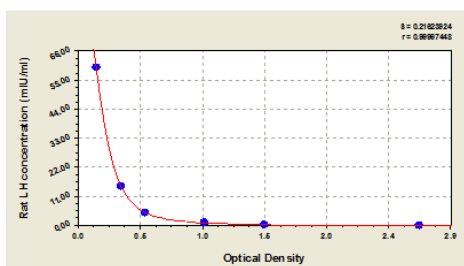
### PRODUCT SYNONYMS

Lutenizing hormone; Rat Lutenizing hormone; LH ELISA Kit; LH Elisa kit; LH elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                                                                           |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of rat LH. No significant cross-reactivity or interference between rat LH and analogues was observed. |
| Sequence Length         | 699                                                                                                                                                                           |
| Assay Type              | Competitive                                                                                                                                                                   |
| Samples                 | Serum, plasma                                                                                                                                                                 |
| Detection Range         | 0.3 mIU/ml-60 mIU/ml                                                                                                                                                          |
| Sensitivity             | < 0.15 mIU/ml                                                                                                                                                                 |
| 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 LH 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 LH and Horseradish Peroxidase (HRP) conjugated LH. The competitive inhibition reaction is launched between with HRP labeled LH and unlabeled LH with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of LH in the sample. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 7704943                                                                                                            |
| NCBI GeneID                      | 3973                                                                                                               |
| UniProt Accession #              | P22888; Q14751; Q15996; Q9UEW9                                                                                     |
| Molecular Weight                 | 71,615 Da                                                                                                          |
| NCBI Official Full Name          | luteinizing hormone receptor                                                                                       |
| NCBI Official Synonym Full Names | luteinizing hormone/choriogonadotropin receptor                                                                    |
| NCBI Official Symbol             | LHCGR                                                                                                              |
| NCBI Official Synonym Symbols    | HHG; LHR; LCGR; LGR2; ULG5; LHRHR; LSH-R; LH/CGR; LH/CG-R                                                          |
| NCBI Protein Information         | lutropin-choriogonadotropic hormone receptor; hypergonadotropic hypogonadism; lutropin/choriogonadotropin receptor |
| UniProt Protein Name             | Lutropin-choriogonadotropic hormone receptor                                                                       |
| UniProt Gene Name                | LHCGR                                                                                                              |
| UniProt Synonym Gene Names       | LCGR; LGR2; LHRHR; LH/CG-R; LHR; LSH-R                                                                             |
| UniProt Entry Name               | LSHR_HUMAN                                                                                                         |

**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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