

Rat Luteinizing Hormone (LH) CLIA Kit | LH clia kit

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CATALOG #
AAA147186

REACTIVITY
Rat

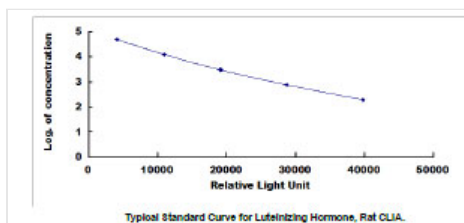
PRODUCT SYNONYMS

Luteinizing Hormone (LH); Rat Luteinizing Hormone (LH) CLIA Kit; ICSH; Lutropin; Interstitial Cell Stimulating Hormone; LH clia kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Luteinizing Hormone (LH). No significant cross-reactivity or interference between Luteinizing Hormone (LH) and analogues was observed.
Assay Type	Competitive Inhibition
Samples	Serum, Plasma and other biological fluids
Detection Range	31.25-8,000pg/mL
Sensitivity	11.73pg/mL
Application	Chemiluminescent immunoassay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Luteinizing Hormone (LH) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Luteinizing Hormone (LH) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
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. 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

Related Product Information for LH clia kit	The microplate provided in this kit has been pre-coated with a monoclonal antibody specific to Luteinizing Hormone (LH). A competitive inhibition reaction is launched between biotin labeled Luteinizing Hormone (LH) and unlabeled Luteinizing Hormone (LH) (Standards or samples) with the pre-coated antibody specific to Luteinizing Hormone (LH). 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 (LH) in the sample. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is reverse proportional to the Luteinizing Hormone (LH) level in the sample or standard.
Product Categories/Family for LH clia kit	Endocrinology; Reproductive science; Hormone metabolism

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://stage.aaabiotech.com/rat-clia-kits/luteinizing-hormone-lh/147186>