

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

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CATALOG #
AAA332415

REACTIVITY
Mouse

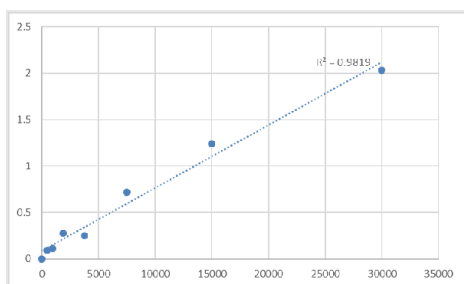
PRODUCT SYNONYMS

Luteinizing Hormone (LH); Mouse Luteinizing Hormone (LH) ELISA Kit; LH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Luteinizing hormone (LH) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse LH. No significant cross-reactivity or interference between Mouse LH and analogues was observed.
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Mouse Luteinizing hormone (LH) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for LH elisa kit	Description: This Mouse Luteinizing hormone (LH) ELISA Kit employs a two-site sandwich ELISA to quantitate LH in samples. An antibody specific for LH has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any LH present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LH is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of LH bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Luteinizing hormone (LH) is an important hormone of the reproductive system, which has found application in identification and therapeutic medicine. It plays a vital role in the development and functioning of the reproductive system. Determination of LH concentration is important for detection of dysfunction of the pituitary variance axis, identification of reproductive disorders, monitoring of antifertility programmes and in therapeutic preparations. LH levels are normally low during childhood and, in women, high after menopause. As LH is secreted as pulses, it is necessary to follow its concentration over a sufficient period of time to get a proper information about its blood level. During the reproductive years typical levels are between 1-20 IU/L. Physiologic high LH levels are seen during the LH surge (v.s.); typically they last 48 hours.
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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://stage.aaabiotech.com/mouse-elisa-kits/luteinizing-hormone-lh/332415>