

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

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CATALOG #
AAA188033

REACTIVITY
Sheep

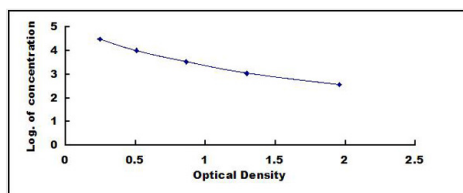
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Sheep
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.
Sequence Length	141
Assay Type	Competitive Inhibition
Samples	Serum, Plasma and Other Biological Fluids
Detection Range	370.4-30,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 155.7pg/mL
Precision	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. $CV(\%) = SD/mean \times 100$ 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 elisa kit	This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Luteinizing Hormone (LH) has been pre-coated onto a microplate. 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. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Luteinizing Hormone (LH) in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	77404413
NCBI GeneID	16866
NCBI GenBank Nucleotide #	NP_032523.2
NCBI Official Full Name	lutropin subunit beta
NCBI Official Synonym Full Names	luteinizing hormone beta
NCBI Official Symbol	Lhb
NCBI Official Synonym Symbols	LH; LH-B; LSH-B; Gm29035; LSH-beta
NCBI Protein Information	lutropin subunit beta

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/sheep-elisa-kits/luteinizing-hormone-lh/188033>