

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

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CATALOG #
AAA54539

REACTIVITY
Chicken

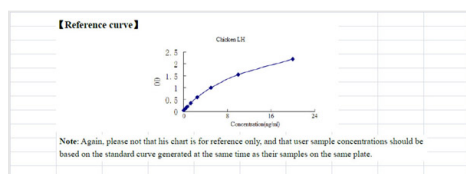
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Sequence Length	5
Assay Type	Sandwich
Detection Range	100 mIU/mL-1.56 mIU/mL
Sensitivity	Up to 0.5 mIU/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LH elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Chicken LH monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4262812
NCBI GeneID	3972
Molecular Weight	15,345 Da
NCBI Official Full Name	luteinizing hormone beta subunit (LHbeta), partial

NCBI Official Synonym Full Names	luteinizing hormone beta polypeptide
NCBI Official Symbol	LHB
NCBI Official Synonym Symbols	CGB4; hLHB; LSH-B
NCBI Protein Information	lutropin subunit beta; LSH-beta; lutropin beta chain; luteinizing hormone beta subunit; interstitial cell stimulating hormone, beta chain
UniProt Protein Name	Lutropin subunit beta
UniProt Gene Name	LHB
UniProt Synonym Gene Names	Lutropin beta chain; LH-B; LSH-B; LSH-beta
UniProt Entry Name	LSHB_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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Online datasheet: <https://stage.aaabiotech.com/chicken-elisa-kits/luteinizing-hormone-lh/54539>