

Cat luteinizing hormone ELISA Kit | LH elisa kit

Cat luteinizing hormone (LH) ELISA Kit

CATALOG # AAA55840	REACTIVITY Cat
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PRODUCT SYNONYMS

luteinizing hormone; Cat luteinizing hormone (LH) ELISA Kit; LH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Cat
Specificity	This assay has high sensitivity and excellent specificity for detection of Cat LH. No significant cross-reactivity or interference between Cat LH and analogues was observed.
Sequence Length	5
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Competitive
Detection Range	75 pg/mL - 35000 pg/mL
Sensitivity	75 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for LH elisa kit	Intended Uses: For the quantitative detection of Cat Luteinizing Hormone (LH) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs the competitive 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.
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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; HH23; hLHB; LSH-B
NCBI Protein Information	lutropin subunit beta
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://www.aaabiotech.com/lh-cat-elisa-kits/luteinizing-hormone/55840>