

Mouse luteinizing hormone (LH) ELISA kit | LH elisa kit

Mouse luteinizing hormone, LH ELISA Kit

CATALOG # AAA80239	REACTIVITY Mouse
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse LH. No significant cross-reactivity or interference between mouse LH and analogues was observed.
Sequence Length	699
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	2 mIU/ml -75 mIU/ml.
Sensitivity	The minimum detectable dose of mouse LH is typically less than 0.5 mIU/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest mouse LH concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

ADDITIONAL INFORMATION

Related Product Information for LH elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for LH has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated antibody specific for LH. Following a wash to remove any unbound 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7704943
NCBI GeneID	3973
UniProt Accession #	P22888 ; Q14751 ; Q15996 ; Q9UEW9
Molecular Weight	71,615 Da
NCBI Official Full Name	luteinizing hormone receptor
NCBI Official Synonym Full Names	luteinizing hormone/choriogonadotropin receptor

NCBI Official Symbol	LHCGR
NCBI Official Synonym Symbols	HHG; LHR; LCGR; LGR2; ULG5; LHRHR; LSH-R; LH/CGR; LH/CG-R
NCBI Protein Information	lutropin-choriogonadotropic hormone receptor; hypergonadotropic hypogonadism; lutropin/choriogonadotropin receptor
UniProt Protein Name	Lutropin-choriogonadotropic hormone receptor
UniProt Gene Name	LHCGR
UniProt Synonym Gene Names	LCGR; LGR2; LHRHR; LH/CG-R; LHR; LSH-R
UniProt Entry Name	LSHR_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/mouse-elisa-kits/luteinizing-hormone-lh-elisa-kit/80239>