

Rat LH ELISA Kit | LH elisa kit

Rat LH (Luteinizing Hormone) ELISA Kit

CATALOG #
AAA21727

REACTIVITY
Rat

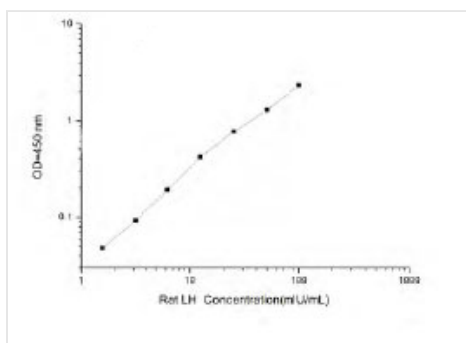
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes Rat LH in samples. No significant cross-reactivity or interference between Rat LH and analogues was observed.
Sequence Length	141
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	1.56-100mIU/mL
Sensitivity	0.94mIU/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Rat LH were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Rat LH were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LH elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat LH. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Rat LH and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat LH, biotinylated detection antibody and Avidin- HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Rat LH. You can calculate the concentration of Rat LH in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat LH concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	77404413
NCBI GeneID	16866
NCBI Accession #	NP_032523.2
NCBI GenBank Nucleotide #	NM_008497.2
UniProt Accession #	O09108; Q60844
Molecular Weight	15,028 Da
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; LSH-beta
NCBI Protein Information	lutropin subunit beta; leutropin; luteinizing hormone subunit beta; lutropin 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_MOUSE

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.