

Mouse Lutropin subunit beta (LHB) ELISA Kit | LHB elisa kit

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CATALOG #
AAA244698

REACTIVITY
Mouse

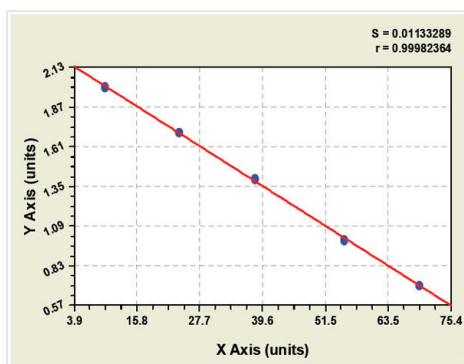
PRODUCT SYNONYMS

Lutropin subunit beta (LHB); Mouse Lutropin subunit beta (LHB) ELISA Kit; LHB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 mIU /mL.
Intended Uses	This LHB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse LHB. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LHB elisa kit

Principle of the assay: LHB ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-LHB antibody and an LHB-HRP conjugate. The assay sample and buffer are incubated together with LHB-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the LHB concentration since LHB from samples and LHB-HRP conjugate compete for the anti-LHB antibody binding site. Since the number of sites is limited, as more sites are occupied by LHB from the sample, fewer sites are left to bind LHB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LHB concentration in each sample is interpolated from this standard curve.

Product Categories/Family for LHB elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504989
NCBI GeneID	3972
NCBI Accession #	NP_000885.1
NCBI GenBank Nucleotide #	NM_000894.2
Molecular Weight	15,345 Da
NCBI Official Full Name	lutropin subunit beta
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/mouse-elisa-kits/lutropin-subunit-beta-lhb/244698>