

Human LH ELISA Kit | LH elisa kit

Human LH ELISA Kit

CATALOG # AAA332591	REACTIVITY Human	APPLICATIONS ELISA
-------------------------------	----------------------------	------------------------------

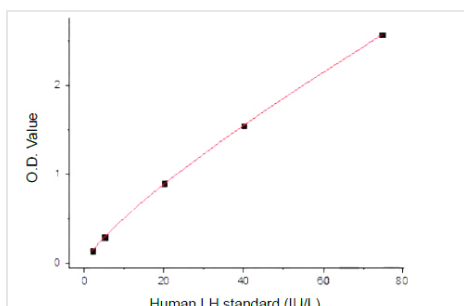
PRODUCT SYNONYMS

LH; Human LH ELISA Kit; LH-B; LHB; LSH-B; LSH-beta; LSHB_HUMAN; Luteinizing hormone subunit beta; Lutropin beta chain; Lutropin subunit beta; LH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human LH ELISA Kit has high sensitivity and excellent specificity for detection of Human LH. No significant cross-reactivity or interference between Human LH and analogues was observed.
Assay Type	Sandwich
Samples	Serum, Plasma
Detection Range	2 IU/L-75 IU/L
Sensitivity	0.5 IU/L
Applicable Applications for LH elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision: The CV (%)?15%.
Inter-assay Precision	Inter-assay Precision :The CV (%)?15%
Preparation and Storage	The unopened kit should be stored at 2 - 8 degree C. After opening, please store refer to protocols.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LH elisa kit	Principle of the Assay: Luteinizing hormone (LH) is produced in both men and women from the anterior pituitary gland in response to luteinizing hormonereleasing hormone (LH-RH or Gn-RH), that is released by the hypothalamus. LH, also called interstitial cell-stimulating hormone (ICSH) in men, is glycoprotein with a molecular weight of approximately 30,000 Dalton. LH stimulates ovulation and ovarian steroid production in the female. In the male, LH controls Leydig cell secretion of testosterone. LH is elevated in Luteal phase of menstrual cycle, primary hypogonadism, Gonadotropin-secreting pituitary tumors and menopause. LH is decreased in hypothalamic Gn-RH deficiency, pituitary LH deficiency and ectopic steroid production.Human LH ELISA Kit employs a two-site sandwich ELISA to quantitate Human LH in samples. An antibody specific for Human LH has been pre-coated onto a microplate. Standards and samples are added to the appropriate microtiter plate wells with HRP conjugated antibody specific for Human LH and any Human LH present is bound by the immobilized antibody. Following a wash to remove any unbound enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Human LH in the sample. The color development is stopped and the intensity of the color is measured.
Product Categories/Family for LH elisa kit	ELISA Assay Kit; Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	4262812
NCBI GeneID	3972
UniProt Accession #	P01229; Q9UDI0
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/lh/332591>