

ARG80850 Human LH ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG80850 Human LH ELISA Kit is an enzyme immunoassay kit for the quantification of the Luteinizing Hormone (LH) in serum.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	LH
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	1.27 mIU/ml
Sample Type	Serum.
Standard Range	10 - 200 mIU/ml
Sample Volume	25 µl
Alternate Names	Luteinizing hormone subunit beta; CGB4; Lutropin beta chain; HH23; LSH-B; hLHB; LSH-beta; LH-B; Lutropin subunit beta

Application Instructions

Assay Time	30, 10 min
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Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

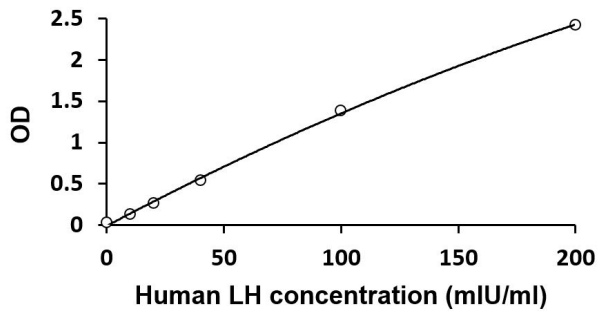
Bioinformation

Database links	GeneID: 3972 Human Swiss-port # P01229 Human
Gene Symbol	LHB
Gene Full Name	luteinizing hormone beta polypeptide
Background	This gene is a member of the glycoprotein hormone beta chain family and encodes the beta subunit of luteinizing hormone (LH). Glycoprotein hormones are heterodimers consisting of a common alpha subunit and an unique beta subunit which confers biological specificity. LH is expressed in the pituitary gland and promotes spermatogenesis and ovulation by stimulating the testes and ovaries to synthesize steroids. The genes for the beta chains of chorionic gonadotropin and for luteinizing hormone are

contiguous on chromosome 19q13.3. Mutations in this gene are associated with hypogonadism which is characterized by infertility and pseudohermaphroditism. [provided by RefSeq, Jul 2008]

Function	Promotes spermatogenesis and ovulation by stimulating the testes and ovaries to synthesize steroids. [UniProt]
Highlight	Related products: LH antibodies ; LH ELISA Kits ; LH Duos / Panels ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Research Area	Cancer kit; Developmental Biology kit; Immune System kit; Neuroscience kit; Signaling Transduction kit

Images



ARG80850 Human LH ELISA Kit example of standard curve image

ARG80850 Human LH ELISA Kit results of a typical standard run with optical density reading at 450 nm.