

Datasheet for ABIN934628

Luteinizing Hormone Protein (LH)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Luteinizing Hormone (LH)
Origin:	Human
Source:	Human
Protein Type:	Native
Biological Activity:	Active

Product Details

Characteristics:	Purified native Human Luteinizing Hormone Bioactivity: >8500 IU/mg by ELISA Protein Source: Human pituitary glands
Purity:	> 95 % pure

Target Details

Target:	Luteinizing Hormone (LH)
Alternative Name:	Luteinizing Hormone (LH Products)
Target Type:	Hormone
Background:	Luteinizing hormone (LH, also known as lutropin) is a hormone produced by the anterior pituitary gland. In females, an acute rise of LH called the LH surge triggers ovulation and development of the corpus luteum. In males, where LH had also been called interstitial cell-stimulating hormone (ICSH), it stimulates Leydig cell production of testosterone.

Target Details

Description: Human pituitary glands.

Alternative Names: Intact LH, Luteinizing Hormone Protein, LH Antigen

Molecular Weight: 29 kDa

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute using neutral pH buffer of choice.

Buffer: Lyophilized from 50 mM NH₄(C(=O)OHO).

Precaution of Use: Serum from donors has been tested and found to be negative for HIV-1/HIV-2, Hepatitis B Core Antigen, Hepatitis B Surface Antigen, Hepatitis C Virus and Syphilis by current FDA approved methods. However, because no test method can offer complete assurance that HIV, HBsAg, HCV, Syphilis or other infectious agents are absent, this material should be handled at the Bio-safety Level 2 (BSL 2) as recommended for any potentially infectious human serum or blood specimen in the CDC/NIH manual

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: -20 °C

Storage Comment: Aliquot and store at -20 °C.