LH ELISA kit

Highly sensitive LH ELISA kit enabling detection of LH in serum, plasma and tissue culture media in just 2 hours.

The LH ELISA kit is a colorimetric competitive enzyme immunoassay kit with results in 2 hours.

LH is produced by the gonadotroph cells in the anterior pituitary gland. It is responsible for ovulation in women and controls testosterone synthesis in men. An acute rise of LH, referred to as the "LH surge", triggers ovulation and development of the corpus luteum in females. After ovulation, LH supports the transient life span of the corpus luteum acting on the luteinized granulosa cells. Cell enlargement and increased progesterone production are involved in the luteinization of the granulosa cells, which are closely associated with the developing gamete (egg) in the ovary.

Citations: 19

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Ordering Information

Order Online »

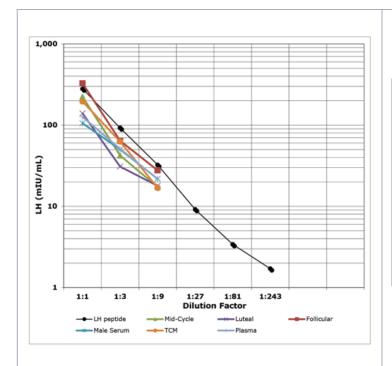
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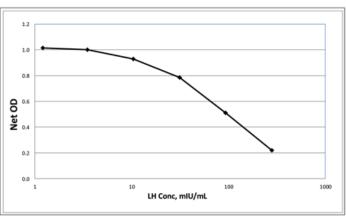
96 wells

Manuals, SDS & CofA

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- Sensitive measurement of LH, detecting as little as 5.2 mIU/mI
- Negligible reactivity from similar glycoprotein hormones
- High throughput format with results in 2 hours for up to 39 samples in duplicate
- Fully quantitative results that surpass semi-quantitative
 Western blot analysis







Handling & Storage

Long Term Storage +4°C

Shipping Blue Ice

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name Luteinizing hormone, Lutropin

Application Colorimetric detection, ELISA

Application NotesFor the quantitative determination of LH in tissue culture

media, serum and plasma in human and rat samples.

Assay Time 2 hours

Compatibility This product is compatible with the Absorbance 96 Plate

Reader.

Contents Microtiter Plate, Assay Buffer 13, Standard, Wash Buffer

Concentrate, Antibody, Tracer, Conjugate, Substrate, and

Stop Solution

Crossreactivity LH (100%), FSH (≤0.004%), hCG (≤0.004%), TSH (≤0.3%)

Sensitivity 5.2 mIU/ml (1.2-280 mIU/ml)

Species Reactivity Human, Rat

UniProt ID P01215 (α chain), P01229 (β chain)

Wavelength 450 nm

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