

Native Porcine LH

Cat. No. LH-92P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Porcine Luteinizing Hormone is a glycosylated, polypeptide chain which stimulates maturation of follicle, induces ovulation, accelerates formation of corpus luteum and secretion of pregnanolone. Porcine Luteinizing Hormone delays ovulation and ovarian cyst.
Species	Pig
Source	Porcine
Description	Luteinizing hormone (LH, also known as lutropin[1] and sometimes lutrophin) is a hormone produced by gonadotroph cells in the anterior pituitary gland. In females, an acute rise of LH ("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. It acts synergistically with FSH.
Form	Sterile Filtered White lyophilized (freeze-dried) powder. The LH was lyophilized with no additives.
Stability	Lyophilized Porcine LH although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution LH should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

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Reconstitution

It is recommended to reconstitute the lyophilized Porcine LH in sterile 18M-cm H₂O not less than 100g/ml, which can then be further diluted to other aqueous solutions.

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