

Luteinizing Hormone Porcine

Item Number rAP-2542

Synonyms

Description 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.

Uniprot Accession Number P01232

Amino Acid Sequence

Source Porcine.

Physical Appearance and Stability Sterile Filtered White lyophilized (freeze-dried) powder. 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.

Formulation and Purity The LH was lyophilized with no additives.

Application

Solubility It is recommended to reconstitute the lyophilized Porcine LH in sterile 18M-cm H₂O at 100IU/4ml, which can then be further diluted to other aqueous solutions.

Biological Activity

Shipping Format and Condition Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**