Active Native Equine Gonadotropin protein

Cat. No. eCG-01E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Equine Gonadotropin was purified from Equine Serum. CAS#9002-70-4. E.C.#232-663-9
Species	Equine
Source	Equine Serum
Description	Equine chorionic gonadotropin (eCG) is a gonadotropic hormone produced in the chorion of pregnant mares. Most commonly called pregnant mare's serum gonadotropin (PMSG) in the past, the hormone is commonly used in concert with progestogen to induce ovulation in livestock prior to artificial insemination.Pregnant mares secrete the hormone from their endometrial cups between 40 and 130 days in to their gestation, and once collected, it has been used to artificially induce estrus in female sheep, goats, cattle, and swine. Despite being less pure than pituitary extracts from sheep, goats or swine, PMSG tends to be used because of its longer circulatory half-life. PMSG is marked by the fact that it produces both follicle-stimulating hormone (FSH) and luteinizing hormone (LH).
Bio-activity	> 1,000 IU/mg powder
Storage	2-8 centigrade
Reconstitution	1 mg/mL is deionized water. Further dilutions should be in a buffer such as tris buffered saline with 1% BSA as a carrier.

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