



Product Data Sheet

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□ Cat # RP-1496

**Pregnant Mare Serum Gonadotropin**

**Size: □ 1000 IU**

**Source:** *Serum of pregnant mares* PMSG is a complex glycoprotein obtained from the serum of pregnant mares. This 43-63 kda protein is capable of supplementing and being substituted for the follicle stimulating gonadotrophin and interstitial cell-stimulating hormone of the anterior pituitary gland in both the male and female. Thus PMSG-Intervet stimulates development of the ovarian follicle in the female. The PMSG was lyophilized with no additives.

**Application and Suggested Dilution:** Greater than 98.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE Users must optimize concentration and conditions for each assay.

**Storage and Stability:** Lyophilized PMSG although stable at room temperature for 3 weeks, should be stored between 2-8°C. If supplied in powder then reconstitute it in 100 ul water for 1 mg/ml stock and store in liquid at 4oC for ~1 week or aliquots in suitable size and store at -20oC for long term storage.

**Usage:**

This item is for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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