

Product: Pregnant Mare Serum Gonadotropin (PMSG)
Catalog #: 12-4202
Amount: 1000 IU

DESCRIPTION: 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 gonadotropin 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.

SOURCE: Serum of pregnant mares

PURITY: > 98%, as determined by:
(a) Analysis by RP-HPLC and Anion-exchange FPLC.
(b) Analysis by reducing and non-reducing SDS-PAGE Silver Stained gel.

PROTEIN CONTENT: Protein quantitation was carried out by 2 independent methods:
- UV spectroscopy at 280 nm
- Analysis by RP-HPLC, using a standard solution of PMSG as a Reference Standard

FORM: Purified, lyophilized from sterile filtered suspension, no additives

STORAGE: 2-8°C

BIOLOGICAL ACTIVITY: hMG conforms the following activities: 100IU/mg of FSH and 100IU/mg LH

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