

SUMMARY OF PRODUCT CHARACTERISTICS



GONASER® 500 GONASER® 5000



Estrous induction and synchronization. Anestrous treatment.

Highly purified Serum gonadotropin (eCG), as lyophilized powder and solvent for dilution.

Composition: in all cases, the final concentration after full reconstitution is 100 IU/ 1 mL.

GONASER 500: vial containing 500 IU of eCG-PMSG as lyophilized powder. Vial containing 5 mL of solvent for dilution (PBS).

GONASER 5000: vial containing 5,000 IU of eCG-PMSG as lyophilized powder. Vial containing 50 mL of solvent for dilution (PBS).

Target species : cattle, sheep and goats.

Indications: estrous induction and synchronization. Ovulation induction (anestrous treatment).

Administration route: Intramuscular.

Recommendations for use and dosage: **Cattle:** 300 – 400 IU/animal, equivalent to 3 to 4 mL of the final dilution. **Sheep and goat:** 400 – 600 IU/animal, equivalent to 4 to 6 mL of the final dilution; most frequently used dose = 500 UI (5 mL). **Breeding season:** 200 to 500 IU | **Non-breeding season (anestrous):** 400 to 500 IU.

Administer as a single dose at the end of estrous synchronization protocol.

The lyophilized must be reconstituted using the entire volume of the solvent for **GONASER** (5 or 50 mL of PBS). For **GONASER 5000:** dilute the lyophilized using a small volume of solvent. Mix to homogenize. Add this solution to the vial containing the remaining solvent and mix to homogenize. Final concentration is 100 IU/ mL.

SUMMARY OF PRODUCT CHARACTERISTICS



GONASER® 500 GONASER® 5000



Action and pharmacological properties: eCG/PMSG is a complex glycoprotein used to stimulate follicular development in the ovary. It has an affinity to bind to both FSH (enhancing estradiol production and sexual behavior) and LH (enhancing follicle maturation and stimulating ovulation) receptors on the follicles.

Overdose: Even after administering 5 times the recommended dose (3,000 IU/animal) there were no adverse reactions.

High doses of eCG/PMSG do not provide a better efficacy of the product. Moreover, could have a negative impact on expected performance.

Withdrawal period: Meat: 0 days | **Milk:** 0 hours; 0 days.

Shelf life: 24 months.

Storage: refrigerated 2-8 °C. Keep lyophilized vial protected from sunlight.

Commercial presentations: some presentations might not be commercialized in some countries.

Single pack: **GONASER 5000:** 1 cardboard box with 1 vial of 5,000 IU lyophilized + 1 cardboard box with 1 vial x 50 of mL solvent (PBS).

Multipack: **GONASER 500:** 1 cardboard box with 10 vials of 500 IU lyophilized + 1 cardboard box with 10 vials x 5 mL of solvent (PBS). **GONASER 5000:** 1 cardboard box with 10 vials of 5,000 IU lyophilized + 1 cardboard box with 10 vials x 50 mL of solvent (PBS).

Precautions and warnings: handle with care and under the supervision of a veterinarian. The use of latex gloves is highly recommended. Use by pregnant women is not recommended. Keep out of the reach of children.

Veterinary medicine for veterinary use only.

The evolution of animal health



**Biogénesis
Bagó**



info.europe@biogenesisbago.com