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Buserelin Acetate Inj. (VET)

Receptal®



NOT FOR HUMAN USE – FOR ANIMAL TREATMENT ONLY

SCHEDULE H PRESCRIPTION DRUG – CAUTION

Not to be sold by retail without the prescription of a Registered Veterinary Practitioner only.

Ready-to-use injection solution of a synthetic releasing hormone that releases luteinizing hormone (LH) and follicle-stimulating hormone (FSH) from the anterior lobe of the pituitary.

Target species

Female cattle, horses (mares) and rabbits

Composition

Each ml Receptal® contains 0.0042 mg buserelin acetate equivalent to 0.004 mg buserelin and, as antimicrobial additive, 2 % benzyl alcohol as preservative.

Indications

Cattle:

- For the treatment of infertility linked to follicular cysts.
- For the improvement of pregnancy rate, following injection at the time of AI or during the luteal phase following AI.
- For the synchronisation of oestrus and ovulation (allowing fixed time AI) in conjunction with prostaglandin F2a or progestagen administration.

Mare:

- For ovulation induction, when a mature follicle is present, thereby synchronizing ovulation more closely with mating in mares.
- For the improvement of conception rate after administration during the late luteal phase following mating or AI.

Rabbit:

- Induction of ovulation in rabbit does.
- Improvement of conception rate.

Dosage for each species, route(s) and method of administration

Cattle:

- For the treatment of follicular cysts with or without symptoms of nymphomania 20 µg (equivalent to 5 ml solution for injection).
- For improvement of conception rate: 10 µg (2.5 ml) / animal.
- For synchronization of oestrus and ovulation before fixed time AI: 10µg (2.5ml) / animal.

Mare:

- For ovulation induction: 40 µg (10 ml) / animal.
- For improvement of conception rate: 40 µg (10 ml) / animal.

Rabbit:

- Improvement of conception rate: 0.8 µg (0.2 ml) / animal.
- Ovulation induction post partum: 0.8 µg (0.2 ml) / animal.

The preferred route of administration is intramuscular injection (im), but Receptal may also be injected intravenously (iv) or subcutaneously (sc).

Advice on correct administration

Use aseptic procedures to inject the product. Infection may occur if anaerobic bacteria penetrate the tissue at the injection site, in particular following intramuscular injection.

Cows which are not cycling at the initiation of the insemination season should preferably be treated with a combination of buserelin and progestagens rather than with a combination of buserelin and prostaglandins.

Contraindications

None

Adverse reactions

If you notice any serious effects or other effects not mentioned in this leaflet, please inform your veterinary surgeon.

Special Warning(s)

Use during pregnancy and lactation

The product may be used to improve pregnancy rate. For most indications, it is administered before or at the time of mating/AI to lactating or non-lactating animals. In cattle and mares, the product may be safely administered during the luteal phase following mating/AI to improve conception rate. Safety following administration later during pregnancy has not been demonstrated.

Special precautions to be taken by the person administering the medicinal product to animals

Avoid self-injection.

There is a large body of evidence showing that transit of GnRH through the skin does not occur unless iontophoresis or solvents are used.

Incompatibilities

Residues of alcohol and disinfectants affect the effect of buserelin.

Special precautions for the disposal of unused product or waste materials

Any unused product or waste materials should be disposed of in accordance with local requirements.

Withdrawal period for meat and milk- 0 days

Shelf life: 24 months

Storage

Protect from heat.

Store at 2 to 8°C.

After first opening the product may be stored at or below 25°C for no longer than 28 days

Presentation

Bottle of 2.5 ml, 5 ml, 10 ml and 50 ml presentations exist

® = Registered trademark

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