

DUOGESTAL

Introduction:

DUOGESTAL is a hormonal association of Equine Chorionic Gonadotrophin (eCG) and Human Chorionic Gonadotrophin (hCG) freeze dried, specially developed to obtain optimum results in heat and ovulation induction in sows.

Action:

Equine Chorionic Gonadotrophin (eCG) stimulates a follicular growth (FSH activity), while Human Chorionic Gonadotrophin (hCG) promotes ovulation and corpus luteum synthesis (LH activity), obtaining as a result of this complement better results in oestrus induction and synchronization and ovulation. This allows reconstruct the physiological oestrus cycle.

Formula:

Each mL of the reconstituted solution contains:

Equine Chorionic Gonadotrophin (eCG).....80 IU

Human Chorionic Gonadotrophin (hCG).....40 IU

Excipients.....e.q.

Species which the veterinary medicinal product is intended for:

Sows.

Therapeutic indications:

Induction and synchronization of estrus and ovulation

Sub-fertility and infertility of noninfectious origin

Anoestrus

Dosage:

Category	Indications	Treatment (1 dose = 5 ml)
Sow	Oestrus induction and synchronization	0-3 days after weaning
	Anoestrus	10 days after weaning
Young sow	Oestrus induction (pre-puberal)	5½-6½ months old
	Oestrus Synchronization (cyclical)	6-8 months old
	Anoestrus	8-10 months old

Note: Synchronization of estrus: estrus will manifest in all cases mentioned between days 3 and 6 after treatment. In young sows, it is advisable to inseminate or to give service in the following natural estrus that will appear synchronized 28-30 days after the application of the product.

Route of administration:

Intramuscular injection

Toxicity data:

In pigs eCG and hCG be well tolerated after a single sub-cutaneous administration of a dose corresponding to 25 times the recommended clinical dose; or following 5 sub-cutaneous injections of the recommended clinical dose in 3 weeks intervals.

Heifers: no toxic or adverse effects were observed following a single intramuscular administration of PMSG at a dose corresponding to 25 times the recommended maximum clinical dose.

DL50 Subcutaneous (Rat) = > 1000 ku/kg

DL50 Intravenous (Rat) = > 1000 ku/kg

DL50 Subcutaneous (Mouse) = > 3400 ku/kg

DL50 Intravenous (Mouse) = > 3400 ku/kg

Pharmaceutical form:

Freeze-dried

Commercial presentation:

Multidose:

-1 vial containing 2000 IU eCG and 1000 IU hCG + 1 vial containing 25 ml diluent

Withdrawal period:

NIL

Precautions:

- Keep between 2 to 8°C, protected from light.
- Once reconstituted keep between 2°C to 8°C, protected from light for a maximum of five days.



Luis de Sarro 501 (B1838DQK)
Luis Guillón, Buenos Aires, Argentina.
(011) 4367-6100 | syntex@syntexar.com

www.syntexar.com

tecnologías
para la
vida

PRODUCT USE FOR REPRODUCTION MANAGEMENT

VETERINARY USE ONLY

KEEP OUT OF REACH OF CHILDREN

Manufactured by:

SYNTEX S.A.

Luis de Sarro 501 – (B1838DQK)

Luis Guillón - Bs. As. – Argentina

Telephone/fax: +54 (011) 4367-6100

E-mail: syntex@syntexar.com