

LARGE ANIMAL PRODUCT GUIDE



YOUR WORLD IS CHANGING
OUR COMMITMENT REMAINS SOLID

1.800.267.5707
vetoquinolusa.com





EQUISTRO® FLEXADIN UC-II

Recommended to support optimal joint health and mobility in horses. Contains **UC-II** undenatured type II collagen and Methylsulfonylmethane (MSM).

- ▶ Unique oral tolerization from **UC-II**
- ▶ Helps maintain joint mobility and flexibility
- ▶ Helps support the structural integrity of joints
- ▶ Helps reduce occasional soreness and stiffness in the joint

445098 Oral Powder - 600 g Canister



EQUISTRO® MYO POWER

Concentrated high quality Branch Chain Amino Acids L-Leucine, L-Isoleucine and L-Valine for training and performance support for muscle. Supports performance, endurance and normal muscle recovery in horses of all ages.

- ▶ Training and performance support for exercising muscle
- ▶ Supports performance and endurance
- ▶ Supports normal muscle recovery
- ▶ Protein source from pea protein and Calcium Caseinate

445097 Oral Pellets - 2.3 kg Bucket



EQUISTRO® CHRYSANPHYTON

Made from *Chrysanthellum americanum*, a dried whole plant that is rich in antioxidants. This supplement is formulated to give support to blood vessels, which helps in keeping them healthy, and promotes the natural process of blood vessel dilation in horses, particularly in the distal limb.

- ▶ Helps support horses with foot soreness
- ▶ Helps maintain healthy locomotion
- ▶ Protects the blood vessels in the hoof
- ▶ Supports tendon and ligament health

445101 Oral Pellets - 2 kg Bucket



EQUISTRO® SECRETA PRO MAX

Herbal-based, highly palatable pelleted supplement for supporting respiratory health for horses facing respiratory challenges. Black horehound and thyme help keep airways open. Coltsfoot, grindelia, mullein, and climbing ivy help maintain secretions of optimal viscosity. Other plant-based ingredients support a normal respiratory hygiene status. Vitamin E supports normal defense mechanisms.

- ▶ Helps support normal respiratory function and health
- ▶ Supports and maintains optimal mucosal secretions
- ▶ Maintains high performance horses during allergy season

445102 Oral Pellets - 2.4 kg Bucket

445103 Oral Pellets - 800 g Canister



EQUINE

Derma GeL®

Isotonic solution for intensive skin care ensuring a barrier of protection against foreign contaminants—bandaging is therefore not required. Certified non-mutagenic, Derma GeL favors a rapid hair regrowth in the original color. Devoid of toxic or prohibited molecules. Safe to use in competition, during gestation, and will not cause harm when licked.



439194 Spray - 50 mL Bottle

439195 Gel - 100 mL Tube

BC2A™

Nutritional source of branched chain amino acids. Patented formula.



438906 Oral Paste - 55 g Syringe

438907 Oral Paste - 88 g Syringe



Zylkene® Equine

Recommended to help manage the effects of environmental and situational stress and support balanced behavior. Contains hydrolyzed milk protein (bovine) providing alpha-casozepine.

439334 Oral Powder - 8 g Packet (20 ct)

EPIC® Daily

Supports the immune system, respiratory tract and gastrointestinal health of horses in one highly palatable and easy to use feed supplement. Provides triple action support for horses under stress, such as young horses in training, heavy competition schedules, transporting to new venues or pre-sale preparation.

439301 Oral Powder - 2 kg Bucket



FOLLTROPIN®

Porcine Pituitary-Derived Follicle Stimulating Hormone for Injection

For induction of superovulation in beef and dairy heifers and cows.

439315 Injectable Solution & Diluent

One 20 mL vial containing 700 IU FSH as a lyophilized powder

One 20 mL diluent vial containing Bacteriostatic Sodium Chloride

439166 Dual Pack - Injectable Solution

Two 20 mL vials containing 700 IU FSH as a lyophilized powder

BOVINE



EPIC® Calf Newborn

Feed supplement for calves. Egg protein in complexes.

439189 Oral Paste - 42 mL Syringe

ViGRO™ FLUSH MEDIUM



ViGRO™ Complete Flush Solution

- ▶ The surfactant properties of proteins are provided by poly vinyl alcohol (PV-OH). Because proteins also act as heavy metal chelators, other components have been added to fulfill this function.
- ▶ Packaged in 1, 2 and 4 liter EVA infusion-style bags with a total of three ports: One port for filling and two extraction ports (a needle septum port and a spike port).
- ▶ Shelf life is 2 years from date of manufacture.
- ▶ **Recommended storage:** 15–30°C; this product will not be harmed by refrigeration.

438930 Complete Flush Solution 1 Litre

438931 Complete Flush Solution 2 Litre

439106 Complete Flush Solution 4 Litre

ViGRO™ HOLDING MEDIUM



ViGRO™ Holding Plus

Holding Plus is the first bovine embryo transfer holding medium based on a formula adapted from a proven embryo culture medium. *Holding Plus* is designed to support optimal embryo survival in air at room temperature and provides essential amino acids, growth factors, enzymes, energy substrates and antibiotics.

- ▶ *Holding Plus* is not an appropriate medium for long-term culture of bovine embryos in a CO₂ incubator.
- ▶ Packaged in EVA pouches with a needle septum port and in 8 mL disposable tubes.
- ▶ Shelf life is 18 months from date of manufacture, provided sterile technique is used.
- ▶ **Recommended storage:** 2–8°C.

438933 Holding Plus 50 mL

438932 Holding Plus 20 mL

438963 Holding Plus 8 mL (6 tubes per box)

ViGRO™ FREEZE MEDIA



ViGRO™ Freeze Plus, 10% Glycerol

Complete glycerol freezing solution. Contains 10% cell culture grade glycerol, 0.4% BSA and 0.1M sucrose. The addition of a low concentration of sucrose decreases blastomere membrane damage from osmotic stress during cryoprotectant equilibration.

- ▶ Packaged in EVA pouches with a needle septum port and 8 mL disposable tubes.
- ▶ Shelf life is 18 months from date of manufacture, provided sterile technique is used.
- ▶ **Recommended storage:** 2–8°C.

438935 Freeze Plus, 10% Glycerol 50 mL

438976 Freeze Plus, 10% Glycerol 8 mL
(6 tubes per box)



ViGRO™ Ethylene Glycol Freeze Plus (with or without sucrose)

The success and convenience of freezing embryos in ethylene glycol for direct transfer brought about a dramatic change in the ET industry. Because ethylene glycol moves across cell membranes more readily than glycerol, embryos can be transferred directly into recipients after thawing, without removing the embryo from the straw, thus eliminating time-consuming rehydration steps. Contains 1.5M ethylene glycol and 0.4% BSA.

- ▶ Packaged in EVA pouches with a needle septum port and in 8 mL disposable tubes.
- ▶ Shelf life is 18 months from date of manufacture, provided sterile technique is used.
- ▶ **Recommended storage:** 2–8°C.

438937 Ethylene Glycol Freeze Plus w/Sucrose 50 mL

438936 Ethylene Glycol Freeze Plus w/Sucrose 20 mL

438980 Ethylene Glycol Freeze Plus w/Sucrose 8 mL
(6 tubes per box)

438939 Ethylene Glycol Freeze Plus w/o Sucrose 50 mL

438981 Ethylene Glycol Freeze Plus w/o Sucrose 8 mL
(6 tubes per box)

There are no data available indicating that either formula (with or without sucrose) is superior to the other.

ViGRO™ THAW MEDIA



ViGRO™ One-Step Thaw Plus

- ▶ The use of a 1M sucrose solution for rapid one-step rehydration of embryos is convenient for thawing embryos cryopreserved in glycerol.
- ▶ Packaged in 8 mL disposable tubes.
- ▶ Shelf life is 18 months from date of manufacture, provided sterile technique is used.
- ▶ **Recommended storage:** 2-8°C.

438982 One Step Thaw Plus 6 x 8 mL

ViGRO™ Thaw Plus Kit 1-2-3

This kit contains three solutions (*Thaw 1 Plus*, *Thaw 2 Plus* and *Thaw 3 Plus*) for three-step embryo rehydration. Each solution is a complete mixture containing 0.4% BSA, decreasing concentrations of glycerol (5%, 2.5%, 0.0%) and increasing concentrations of sucrose (0.5M, 0.5M, 0.6M). This combination of glycerol, sucrose and BSA has proven to work very well across various protocols.

- ▶ Packaged in EVA pouches with a needle septum port and in 8 mL disposable tubes.
- ▶ Shelf life is 18 months from date of manufacture, provided sterile technique is used.
- ▶ **Recommended storage:** 2-8°C.

438942 Thaw Plus Kit 1,2,3 20 mL

438984 Thaw Plus Kit 1,2,3 8 mL (2 kits per box)

OTHER ViGRO™ MEDIA



ViGRO™ Rinsing Solution

Rinsing Solution is the same formula as *Complete Flush Solution*, except that it does not contain any surfactant. *Rinsing Solution* is designed for rinsing embryo collection filters at the end of the collection with a minimum of foaming.

- ▶ Packaged in a 1 Litre EVA infusion-style bags with a total of three ports: One port for filling and two extraction ports (a needle septum port and a spike port).
- ▶ Shelf life is 2 years from date of manufacture.
- ▶ **Recommended storage:** 15-30°C.

438945 Rinsing Solution 1 Litre

SYNGRO® Ethylene Glycol Freeze

Developed in cooperation with Dr. George E. Seidel, Jr. In field trials at various locations, *SYNGRO® Ethylene Glycol* with sucrose outperformed traditional ethylene glycol medium.

- ▶ Easy-to-use.
- ▶ Packaged in a 50 mL EVA pouch with a needle septum port and 8 mL disposable tubes.
- ▶ **Recommended storage:** 2–30°C. Does not require refrigeration.

439048 Ethylene Glycol Freeze 50 mL

439049 Ethylene Glycol Freeze 8 mL (6 tubes per box)

SYNGRO® Holding

Contains hyaluronan. Embryos have been shown to have surface receptors for hyaluronan, which is involved in the regulation of gene expression, cell proliferation and cell differentiation.

- ▶ Eliminates concerns regarding animal-based formulas.
- ▶ Eliminates costly air shipments of refrigerated media.
- ▶ Eliminates the ‘down-time’, waiting for media to warm to room temperature with each use.
- ▶ Eliminates wastage of ‘re-warmed’ refrigerated Holding; store extra *SYNGRO®* medium at room temperature.
- ▶ Eliminates need to change current procedures—just substitute for any holding medium now used.
- ▶ **Recommended storage:** 2–30°C. Does not require refrigeration.

438974 SYNGRO® Holding 50 mL

438975 SYNGRO® Holding 8 mL (6 tubes per box)



**This product does not contain materials of animal origin.*

MAP™ 5

Sterile sodium hyaluronate cryopreservative.

439153 Solution (10mg/mL) - 2mL Vial

439263 Solution (5mg/mL) - 10mL Vial



WE CAN ACHIEVE MORE TOGETHER



FOCUSED ON ANIMAL HEALTH FOR OVER 80 YEARS

Headquartered in Fort Worth, Texas, Vetoquinol USA is owned by Vetoquinol SA, an independent, family-owned French pharmaceutical company founded in 1933. The 8th largest animal health company worldwide and 4th largest dedicated exclusively to animal health, Vetoquinol's mission is focused on enriching the lives of people through dedication to animal health and welfare. To this end, we continue to improve our innovative portfolio of products and services through the development, production and marketing of FDA, EPA and AAFCO-regulated pharmaceutical, nutritional and dermatological products for small and large animals.



vetoquinolusa.com

1.800.267.5707 (TEL)

1.817.529.7506 (FAX)

CustomerServiceUSA@vetoquinol.com