

What is StemVet Science - Biological Breeding?

StemVet science – Biological Breeding is manufactured and purified via a patented low temperature process that involves homogenization, fractionation and ultra filtration of fractionated ovine placental extract suspended in a sterile liquid solution. It consists of selected proteins, peptides and other growth factors and signalling molecules obtained from the selected ovine placental extract.



What does StemVet Science - Biological Breeding Achieve?

StemVet science Biological Breeding, due to its composition encompassing proven growth factors, enables the product to be used by both genders of all species of mammalian animals;

- In relation to the female gender, the growth factors involved in Biological Breeding are beneficial to the immune defence system plus they are known to promote embryonic development and assist in conception rates.
- The male gender also benefits in the spermatogenesis function with enhanced morphology of the spermatozoa, higher motility count and increased ejaculation volume. Also noted is its excellent anti aging benefits.
- The Cytokine growth factors in StemVet science Biological Breeding include:
 - 1 Anti-inflammatory and the wound healing properties and regenerative effects properties of transforming growth factors (TGF)
 - 2 Fibroblast growth factor (FGF)
 - 3 Hepatocyte growth factor (HGF)
 - 4 Fibronectin like peptide
 - 5 Keratinocyte growth factor (KGF)
 - 6 Epidermal growth factor (EGF)
 - 7 Growth hormone releasing factor
 - 8 Stem cell factor and
 - 9 Parathyroid hormone-related hormone (PTHrP)

How does StemVet Science - Biological Breeding Work?

These cytokine growth factors and extracellular matrix molecules within StemVet science – Biological Breeding are known to activate and be released by multipotent stem cells to promote the proliferation of a variety of cell types.

Activating Dormant Stem Cells

StemVet science – Biological Breeding promotes the activation of the dormant stem cells which represent 12 – 15% of stem cells of the animals body. It has been scientifically proven that dormant stem cells are more potent than active stem cells within the body. This extra potency, once activated, creates a boost in the immune system so the repair to damaged internal organs and muscle tissue are accelerated. The rejuvenation and regeneration of cells is also enhanced through the activation process.

Can All Animals Benefit?

All mammalian animals in the Animal Kingdom can benefit from the use of StemVet science – Biological Breeding. Whether an animal is large or small, a performance animal, superior stud breeding animal or simply a loved and valued pet.

Side Effects?

StemVet science – Biological Breeding is an all natural protein, with peptides and other growth factors suspended in a sterile solution, Tests have shown that, if used in accordance with the directions, the product has no known harmful side effects. StemVet science is manufactured in an APVMA approved facility.

Is It Legal for Performance Animals?

StemVet science – Biological Breeding, used in accordance with the Directions For Use, is drug and chemical free; it contains no banned substances and does not swab. It will not compromise the breeding or the performance of the animal in any way nor will it harm its future in any event in which it may compete. The product has been granted a permit from the Australian Pesticides and Veterinary Medicines Authority (APVMA) for extensive trials and export.

Sizes & Availability?

StemVet science – Biological Breeding is available in 10ml vials for larger animals and 2ml vials for the smaller animals. These come in six 10ml and six 2ml boxes. Single purchases are available.

How is it Administered?

StemVet science – Biological Breeding is injected either intravenously or intramuscular and is administered by a qualified veterinarian. For best results we recommend intravenous.

How Often is it to be Administered?

StemVet science – Biological Breeding should be administered every 4 weeks for best results. It is recommended to use the product as long as possible before the breeding season.

Directions for Use

Storage

Unopened vials should be stored in a refrigerator at 4°C. Do not freeze. Do not expose to sunlight. Keep out of reach of children.

Warning

Do not use if the security seal is broken or missing. Do not use after the expiration date on the vial. Used vials do not contain any toxic products and can be disposed of safely.

Dosage

Each vial of 10ml of StemVet science is intended for one time use only. No more than one vial should be used on an animal over a period of 4 weeks.

Administration

Bolus intravenous and intramuscular injection must be given by an experienced veterinary practitioner.