

# Selferol

## Injection

For Veterinary Use Only

### Composition

Each ml contains

Vitamin E.....75 mg

Sodium Selenite.....0.60 mg

### Indications

Selferol injection is indicated for the prevention and treatment of Vitamin E and Sodium Selenite deficiency syndrome, nutritional muscular dystrophy, stiffness and lameness, chronic persistent diarrhea, delayed growth, myopathies, abortion or premature calves and infertility problems of cattle, calves, sheep and goat. Selferol injection is also effective in stress conditions due to weaning, transportation and vaccination as well as assist in therapy of infectious disease.

Selferol is also indicated for delayed growth, myopathies and infertility problems in poultry birds.

### Pharmacodynamics

Vitamin E is a fat soluble intracellular antioxidant, in combination with Sodium Selenite it protects tissues from oxidative damage, red blood cells hemolysis and prevents action of peroxidase on unsaturated bonds in cell membrane. Sodium Selenite and vitamin E are also important factors in the immune response of animals.

### Pharmacokinetics

Vitamin E is absorbed from the gastro-intestinal tract, entering the bloodstream via the lymph gland where it is widely distributed throughout the body. The highest concentrations of Vitamin E are found in the liver, plasma and adipose tissue.

Sodium Selenite is absorbed mainly in the duodenum before being distributed throughout the body.

Excretion occurs through the urine and/or faeces and appears to be dependent on a renal threshold.

### Dosage and Administration

Administer the following dose through subcutaneous or intramuscular injection.

The dose can be repeated after 2-3 weeks according to veterinarian advice

Cattle / Horse	10-20 ml
Calves / Ponies	5-10 ml
Sheep / Goat	2-4 ml
Poultry	0.1 ml

### Precautions

Anaphylactic reaction may occur in sensitive animals, which may be recovered by injecting epinephrine and glucocorticoids.

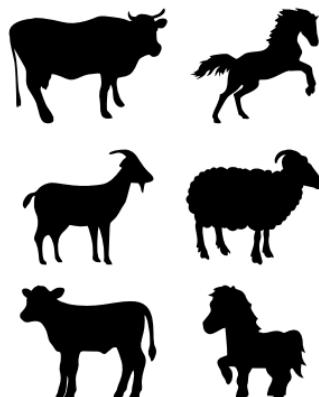
A fixed dose schedule is important because selenium is toxic if administered in high doses.

Store between 15-25 °C in a cool and dry place.

Keep out of the reach of children.

Consult the veterinarian before use.

### Innovator's Specs



 **Selmore**  
Pharmaceuticals (Pvt) Ltd.

Manufactured by:  
Selmore Pharmaceuticals (Pvt) Ltd.  
36 Km Multan Road, Lahore, Pakistan.

