



Nov-A-Vit 500

Vitamins in injectable emulsion



Of choice in deficiencies of vitamins A, D3 and E

- ✓ Prophylaxis and treatment of rickets
- ✓ Reduces the effects of stress in cases of disease
- ✓ Infertility due to vitamin deficiencies
- ✓ In young, convalescent, weak or orphaned animals

New generation of vitamins in water-based emulsion

- ✓ Each ml contains 500,000 IU of vitamin A, 75,000 IU of vitamin D3 and 50 mg of vitamin E
- ✓ Innovative galenic concept to solubilize the vitamins
- ✓ High bioavailability
- ✓ Very rapid diffusion

Excellent administration

- ✓ Lower viscosity: faster injection
- ✓ Water base: does not cause pain, fewer reactions
- ✓ Stable formula

LABIANA
always works

Nov-A-Vit 500 Vitamins in injectable emulsion



Advantages of water-based vitamin emulsion

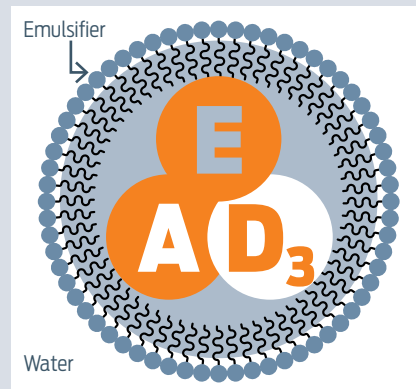
The fat-soluble vitamin emulsion in water is the key to the benefits of Nov-A-Vit 500 as compared to traditional preparations

The aqueous medium is the ideal one for the compound to be absorbed into the tissues, which are 70% made of water.

Vitamins in aqueous emulsion:

- Have great bioavailability: a greater accumulation of vitamins is detected after its administration (25 times more in the case of vitamin A).
- Low viscosity, which reduces resistance to injection in the tissues.
- Cause less tissue damage. They prevent irritation, abscesses and necrosis.
- Better distribution. The water-based emulsion mixes better in the blood.
- Higher profitability: its high bioavailability allows the administration of lower doses, which implies savings.

All these advantages mean better results and a more effective action in the prevention of deficiencies of these vitamins.



The emulsification phase has a negative load, which prevents the coalescence of the fatty droplets

COMPOSITION PER ML

Vitamin A	500,000 IU
Vitamin D3	75,000 IU
Vitamin E (all-rac- α -tocopherol acetate)	50 mg

INDICATIONS

In all species:

- Prevention and treatment of deficiencies in vitamins A, D3 and E.
- Prophylaxis and treatment of rickets.
- Reduction of the effects of stress caused by infective diseases, metabolic alterations or environmental causes.
- Infertility in breeding animals due to a vitamin deficiency
- Young convalescent, weak or orphaned animals.

DOSAGE AND ADMINISTRATION ROUTE

Bovine: vitamin A 500,000-2,500,000 IU + vitamin D3 75,500-375,000 IU + vitamin E 50-250 mg (equivalent to 1-5 ml).

Ovine and caprine: vitamin A 250,000-1,000,000 IU + vitamin D3 37,500-150,000 IU + vitamin E 25-100 mg (equivalent, to 0.5-2 ml).

Porcine: vitamin A 250,000-1,500,000 IU + vitamin D3 37,500-225,000 IU + vitamin E 25-150 mg (equivalent to 0.5-3 ml).

Intramuscular route.

Under normal conditions a single administration is sufficient.

If considered necessary, the treatment can be repeated after 30 days.

In pregnant females, it will be applied between 15 and 30 days prior to the birth.

Do not administer during the first third of the pregnancy.

CONTRAINDICATIONS

Do not administer in case of hyperparathyroidism.

PRECAUTIONS FOR USE

- Do not use simultaneously with other preparations of vitamin D2 or D3.
- In the event of hypervitaminosis, scaling of the skin, hepatomegaly, lack of appetite and loss of weight may appear.
- The administration of large doses for long periods of time in cows that have not calved on the indicated date causes asymptomatic vascular calcification and/or calcium deposits in the kidneys.
- Taking into account the sensitivity of vitamins to oxidative substances and to changes in pH, this veterinary medication must not be mixed with any other product.

Special precautions for their use in animals

- Clean the zone of injection prior to its administration.
- Do not administer more than 10 ml by any of its administration routes.
- In spite of its use in deficiency states, the handling and feeding of the animal must be controlled to obtain optimal zootechnical results.

ADVERSE REACTIONS

- It can produce allergic reactions. If this occurs, immediately administer epinephrine and/or injectable antihistamines.
- If it is not applied correctly, it can produce abscesses at the point of injection.
- A small local reaction may appear at the point of injection, which disappears after a short period of time.

SPECIAL PRECAUTIONS FOR STORAGE

Store at a temperature below 25 °C.

Shelf life of the medication packaged for sale: 18 months.

Shelf life after primary package opened: 28 days.

PRESENTATIONS

25, 100 and 250 ml vials.

Registry no. 11024 NAL

Medication subject to veterinary prescription.

Administration under control or supervision of the veterinary.

