

Category: POM

Ad₃E_{tong}

Vitamin AD₃E Injection

FANGTONG

Composition

Each ml contains:
Vitamin A (retinyl palmitate) 80,000 i.u.
Vitamin D (chole-calciferol) 40,000 i.u.
Vitamin E (dl- α -tocopherol acetate) 20mg

Spectrum of activity

Vitamin A plays an important role in the protection of the epithelial tissues (including skin and retina) and the mucous membranes, and therefore as a protection against general infections. (Deficiency symptoms are hyperkeratosis (skin), xerophthalmia, blindness, nervous symptoms, decreased growth rates and lowered fertility).

Vitamin D, takes care of the regular process of the calcium-phosphorous metabolism. It plays also a role in increasing the rate of Ca⁺⁺ absorption and transport from the intestine and so promoting calcification of bone. (Deficiency symptoms are rickets in young animals, osteomalacia in adults). Vitamin E possesses antioxidant action, this action links vitamin E with vitamin A metabolism (it is used for the stabilizing of vitamin A in foodstuffs) and with that of the unsaturated fatty acids. (Deficiency symptoms are muscular disorders e.g. White Muscle Disease, Stiff Lamb Disease).

Vitamin E belongs to the group of fat-soluble vitamins. The tocopherols are important physiological antioxidants. Vitamin E protects the unsaturated fatty acids (e.g. lipids of the cytoplasmic and mitochondrial membranes) against oxidation. Besides its importance as antioxidant, vitamin E stimulates the formation of prostaglandin E from arachidonic acid and hinders blood coagulation. In its protective function for leucocytes and macrophages, it ensures phagocytosis and stimulates the immune response. Deficiency of vitamin E may cause nutritional diseases as muscle dystrophy, exudative diathesis, encephalomalacia, and liver necrosis.

After injection the vitamins are quickly and completely absorbed and besides a rapid therapeutic effect, this preparation has a lasting prophylactic action due to the high concentration of vitamin A and D.

Indications

Treatment and prevention of deficiencies of the vitamins A, D, and/or E e.g. growth disturbances, non-infectious reproductive and sight disturbances, enteritis, rachitis (rickets), reconvalence and skin problems.

Dosages and Administration

For intramuscular or subcutaneous administration.

Horse, cow: 10 ml per animal.

Calf, foal: 5 ml per animal.

Goat, sheep: 4 ml per animal.

Dog: 1-5 ml per animal.

Cat: 1-2 ml per animal.

Side-effects

High doses may result in allergic reaction in dogs.

Contra-indications

Over dosage of vitamin D, may cause hypercalcemia in young animals.

Withdrawal Period

None.

Presentation

Available in 50ml or 100ml glass bottle.

Storage

Store in a cool and dry place not above 25°C, protect from light.

Validity

3 years.

Manufacturer

Chongqing Fangtong Animal Pharmaceutical Co., Ltd
No. 80, East Part of Changzhou Road, Rongchang, Chongqing, China

FOR VETERINARY USE ONLY
KEEP OUT OF REACH OF CHILDREN



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100*130mm