

I-LIC

Folic Acid Injection B.P



COMPOSITION :

Each ml contains :

Folic acid B.P	15 mg
Water For Injections B.P	q.s.

ACTION :

Folic Acid is essential B complex vitamins, vitally involved in many critical metabolic processes related to coenzymes for tissue formation, DNA synthesis, complete utilisation of carbohydrates and proteins for nervous tissue maintenance and energy production and blood counts. Folic Acid acts in synergy in the formulation of DNA, and deficiencies can have serious consequences, both in performance Horses with a high tissue turnover rate and in pregnancy and growth of young foals. Clinically the first sign of deficiency is anaemia. Lack of either folic Acid can create anaemias. As the deficiency may be indistinguishable for either of these essential vitamins, they are often grouped in one product for therapeutic and preventive use. Folic Acid is an essential B group vitamin which is involved in many metabolic processes as an important coenzyme. Its most important role is in the formation of nucleic acids(DNA) from amino acids. Folic Acid is vital to the formation of red and white blood cells and haemoglobin, as well as for rapidly dividing cells which include gastrointestinal epithelial cells, the growing foetus, skin and hair. Folic Acid is involved in the formation of the amino acids methionine and glycine, as well as the vitamin choline. Folic Acid supplementation is highly recommended during pregnancy, as deficiencies in young growing animals are often associated with retardation. Cooking and storage of feeds destroy Folic Acid levels. When antibiotics, particularly sulphur drugs are used for extended periods, the normal synthesis of folic acid in the gut will be reduced and the requirement for folic acid are increased. Supplements of folic acid are reported to improve antibody response of animal.

DOSAGE AND ADMINISTRATION :

Horses : 5 - 10 ml

Dogs : 1 - 2 ml

Administer by Intramuscular Injection regularly twice weekly advised by a Veterinary surgeon.

WITHDRAWAL PERIOD :

[Horses] : Nil

STORAGE :

Store at a temperature not exceeding 30°C.

Protect from light.


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