

Vitamin B Complex Injection

Supplement of the water-soluble B complex vitamins

COMPOSITION

- Thiamine disulfide nitrate (Vitamin B1) 20 mg/mL
- Riboflavin (Vitamin B2) 5 mg/mL
- Pyridoxine hydrochloride (Vitamin B6) 20 mg/mL
- Nicotinamide (Vitamin B3) 60 mg/mL
- Pantothenate (Vitamin B5) 20 mg/mL
- Hydroxocobalamin (Vitamin B12) 200 µg/mL

ACTIONS

VITAMIN B COMPLEX INJECTION provides the water soluble vitamins which are essential to carbohydrate and fat metabolism, as well as for protein synthesis.

B COMPLEX VITAMINS:

- * maintain nerve function, skin, hair, and muscle tone
- * Are vital to all energy supply systems
- * Are essential to red blood cell formation
- * Help reduce the effects of stress.

What Does It Do?

Thiamine (Vitamin B1) helps maintain normal energy metabolism, and is critical to maintenance of normal muscle and nerve function. High doses help reduce nervousness.

Riboflavin (Vitamin B2) helps cells produce energy. It is also required for growth and for health of skin and mucous membranes, as well as vision.

Nicotinamide (Vitamin B3) is vital for red blood cell formation, and is required for normal metabolism in all cells. Important in maintaining healthy skin and coat.

Pyridoxine (Vitamin B6) is an essential part of protein and amino acid metabolism, and in the formation of new proteins including haemoglobin. It is critical to nervous function and vision, maintains skin integrity, and is involved in red blood cell formation.

Pantothenate (Vitamin B5) plays a key role in energy metabolism, and is necessary in enzymes which make and carry glucose and fatty acids for energy supply. Vitamin B5 is involved in the manufacture of adrenal hormones and brain neurotransmitters. It is necessary for healthy skin and hair coat and has a role in reproduction.

Cyanocobalamin (Vitamin B12) forms part of the coenzymes essential for all cells, particularly rapid turnover cells such as red blood cells, muscle and intestinal cells.



The B COMPLEX VITAMINS are intimately involved with red blood cell formation. They are all closely dependant on each other, so the absence of one will critically effect the activity of all others. As water soluble vitamins, they need to be taken in on a daily basis, and they are equally rapidly excreted, so B COMPLEX VITAMINS must be supplemented on a regular basis. The need for all B COMPLEX VITAMINS is significantly increased in all performance and working horses under stress. Animals under stress frequently have poor appetites, which may be stimulated by the B COMPLEX VITAMINS. Additionally B COMPLEX VITAMINS are of value in recovery from parasitic burdens, injury, surgery and illness, and in old age.

DO dosage AND ADMINISTRATION

Give 5 - 10 mL by intramuscular injection regularly twice weekly, or as advised by a veterinary surgeon. VITAMIN B COMPLEX can be safely used with all Nature Vet products.

WARNINGS

Export Slaughter Interval (Horses): Nil

PRESENTATION

100 mL sterile injection for intramuscular or intravenous injection.

STORAGE

Store below 25°C (Air Conditioning). Protect from light.

AVAILABILITY

For General Sale (APVMA 51117)

SEE ALSO

Vam, Vitamin B1, Vitamin B12, Folic Acid, Folic Acid + B12

HANDY HINT

The need for all B Complex vitamins is significantly increased in all performance and working horses under stress.