

Parvon

Injection

For Veterinary Use Only

COMPOSITION:

Each ml contains

Buparvaquone50mg

INDICATIONS:

Parvon injection is indicated for the prophylaxis and treatment of theileriosis (east coast fever) caused by *Theileria parva*, *T. annulata*, *T. mutans* and *T. orientalis* in small and large animals. Theileriosis is a protozoal disease which is transmitted by ticks. *Theileria* sporozoites are transmitted to susceptible animals by the saliva of feeding ticks. Inside host, theileria sporozoites undergo a complex life cycle involving the replication of schizonts in leukocytes and piroplasms in erythrocytes. This process eventually leads to swelling of lymph nodes and raise the body temperature up to 42°C in the infection.

Parvon injection is effective against both the schizonts and piroplasm stages of theileria species and may be used in incubation period or when the clinical signs of disease are apparent.

PHARMACOKINETICS:

The studies showed that after intramuscular administration of Buparvaquone in cattle the peak plasma concentration is achieved in 3–4 hours. The volume of distribution occurs slowly and the terminal half-life of Buparvaquone is recorded about 25–27 hours.

PHARMACODYNAMICS:

Buparvaquone is a second generation hydroxynaphthoquinone which acts on the energy generation and progressive vacuolization of cytoplasm of protozoa as the principle lesion.

DOSAGE AND ADMINISTRATION:

Administer 1ml per 20kg body weight (2.5mg Buparvaquone per kg body weight) by deep intramuscular injection only. In severe cases, further treatment with Parvon injection at the same rate should be given after 48-72 hours of initial dose.

PRECAUTIONS:

Do not administer intravenously or subcutaneously. Localized, painless, edematous swelling may occasionally occur at the site of injection.

Avoid dirty and wet areas of skin and do not administer more than 10ml to a single site.

Theileriosis depresses the immune system of animals, therefore any kind of vaccination should be delayed till the complete recovery of animals. Store between 15-25°C in a cool and dry place.

WITHDRAWAL TIME:

Milk 48 hours, Meat 42 days.

Innovators's Specs



Manufactured by:
Selmore Pharmaceuticals (Pvt) Ltd.
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