

Relifen vet injection

Ketoprofen 100 mg/ml

Presentation

Relifen vet injection: Each ml contains Ketoprofen BP 100 mg.

Descriptions

Ketoprofen injection is a potent, non-narcotic and non-steroidal anti-inflammatory drug

(NSAID) with analgesic, anti-pyretic and anti-inflammatory properties. Ketoprofen is US FDA approved NSAID, highly effective to alleviate pain, inflammation and fever of dairy animals, potent inhibitor of prostaglandin synthesis; it inhibits the biosynthesis of PGE₂-a and PGF₂-a without affecting the ratio of PGE₂-a/PGF₂-a. It is well tolerated up to 5 times than the recommended dose for 2-3 times longer than those used for treatment.

Indications

Ketoprofen injection is indicated in arthritis, omarthritis, coxitis, dermatitis, post-operative wound & swelling, abscess, myositis and lameness, inflammation due to injury, relieving fever and pain due to acute mastitis, ephimeral fever, pain of bone and muscle, supportive therapy with antimicrobials, controlling low to medium convulsive pain.

Dosage and Administration

Cattle, Buffalo, sheep & goat: 1 ml(100 mg)/33 kg body weight intramuscularly or intravenously every 24 hours up to 3 days.

Horse: 1 ml(100 mg)/45 kg of body weight intravenously every 24 hours up to 3 days.

Or as directed by the registered Veterinarian.

Side Effects

Ketoprofen injection is tested and clinically well tolerated. However, GI upset may occur as similar to those of other NSAIDs.

Precautions

Special care should be taken in case of severe dehydration, hypovolaemia and hypotension as there is a risk of renal toxicity. Sufficient drinking water must be supplied at all times during or after treatment.

Contraindications

Ketoprofen should not be used in animals hypersensitive to any active ingredient.

Use in pregnancy & lactation

As the effects of Ketoprofen on fertility, pregnancy or foetal health of horses have not been determined, Ketoprofen injection should not be administered to pregnant mares. It may be given to pregnant and lactating cattle with prior caution.

Drug Interaction

Concurrent use of corticosteroids and other NSAIDs may greatly increase the risk of gastrointestinal ulceration and renal papillary necrosis.

Overdose

Overdoses of Ketoprofen injection can cause GI ulcers, protein loss, kidney and liver damage. Early signs of toxicity include loss of appetite and depression.

Withdrawal period

Cattle Meat- 1 day (IV administration) and 4 days (IM administration),

Milk- Not required.

Storage

Keep in a cool and dry place, away from light. Keep out of the reach of children.

Commercial Packaging

Relifen vet injection 10 ml: Each commercial box contains 1 amber vial of 10ml.