Injection & Bolus

# Keto-A Vet

Ketoprofen BP

**Composition**

Injection: Each ml contains Ketoprofen BP 100 mg.
Bolus: Each bolus contains Ketoprofen BP 400 mg.

**Pharmacology**

Ketoprofen is a potent nonsteroidal anti-inflammatory drug (NSAID) which exerts anti-inflammatory, analgesic & antipyretic effects. It inhibits synthesis of inflammatory mediator e.g. prostaglandin, thromboxane & oxygen radical by interfering cyclooxygenase enzyme. It reduces fever by depressing the heat regulatory centers in the hypothalamus.

**Indication**

Keto-A Vet (Ketoprofen) is indicated for

Cattle

- Treatment of lameness of traumatic origin, fractures, tendonitis etc.
- Management of post-surgical pain, relieving chronic pain (e.g., arthritis etc.) and for the symptomatic treatment of fever (e.g. ephemeral fever, FMD etc.).
- Reducing pyrexia and distress associated with bacterial respiratory disease when used in conjunction with antimicrobial therapy.
- Reducing edema of the udder associated with calving.
- Improving the recovery rate in acute clinical mastitis, including acute endotoxin mastitis, caused by gram negative bacteria in conjunction with antimicrobial therapy.
- Supportive treatment of parturient paresis (Milk Fever) associated with calving.

Horse

- Alleviation of inflammation and pain associated with musculoskeletal disorders.
- Alleviation of visceral pain associated with colic.

**Dosage & Administration**

Injection

Cattle
For deep intramuscular or intravenous use.
1 ml/33 kg body weight (3 mg/kg body weight) once daily for 3 days.

Horse
For musculoskeletal disorder
1ml/45 kg body weight (2.2 mg /kg) by intravenous or intramuscular injection once daily for 3 to 5 days.
For equine colic
1ml/45 kg body weight (2.2 mg/kg) by intravenous or intramuscular injection. A second injection may be given if colic recurs.

Bolus

Cattle: 1 bolus per 100 kg body weight (4 mg/kg) orally daily for up to 3 days.
*Or, as directed by the registered Veterinarian.*

**Contraindication**

- Do not administer to cattle or horses hypersensitive to ketoprofen
- Do not administer other non-steroidal anti-inflammatory drugs (NSAIDs) concurrently or within 24 hours of each other
- Contraindicated in animals suffering from cardiac, hepatic or renal disease, gastro-intestinal ulceration or bleeding and where there is evidence of a blood dyscrasia

**Warning & Precaution**

- Administration in animals aged less than 6 weeks or in aged animals may involve additional risk. In such case, if treatment is needed, may require a reduced dosage and careful management
- Avoid use in any dehydrated, hypovolaemic or hypotensive animals as there is a potential risk of increased renal toxicity

**Side effect**
Like all NSAIDs, gastric or renal intolerance may occur in certain individuals.

**Use during pregnancy & Lactation**
Keto-A Vet may be given to pregnant and lactating cow. Keto-A Vet should not be administered to pregnant mares.

**Drug interaction**
Concurrent administration with nephrotoxic drugs should be avoided.

**Overdose**
Ketoprofen administered by intramuscular or intravenous route to cattle & horse is well tolerated up to 5 times the recommended dose for periods 2 or 3 times longer than those used for treatment.

**Withdrawal period**
Meat- Meat must not be consumed up to 04 days after administration of this medicine & Milk- Milk must not be consumed up to 0 (zero) days after administration of this medicine.

**Storage**
Store in a cool and dry place, protected from light.
Keep all medicines out of reach of children.

**Supply**
Injection: 10 ml & 30 ml vial.
Bolus: 10x4 boli in a box.