

PK5™ Vet Carprofen USP IM/IV/SC Injection

DESCRIPTION

PK5™ Vet is a non-narcotic, non-steroidal anti-inflammatory drug of the 2-arylpropionic acid group. It is used as anti-inflammatory, analgesic and antipyretic drug.

COMPOSITION

Each mL PK5™ Vet contains Carprofen USP 50 mg.

MODE OF ACTION

As with most NSAIDs, Carprofen works by inhibiting cyclooxygenase enzymes (selectively inhibiting COX-2 over COX-1) of the arachidonic acid cascade. Carprofen blocks the production of prostaglandin synthesis, shows anti-inflammatory and analgesic activity. Studies have shown that Carprofen administered intravenously has potent antipyretic activity and improves heart rate & rumen function.

INDICATIONS & USAGES

PK5™ Vet is indicated for rapid relief of Pain, Inflammation & Fever in the following conditions-

- Bovine Respiratory Disease
- Osteoarthritis
- Mastitis
- Metritis
- Soft tissue surgical pain
- Post-operative pain
- Lameness

DOSAGE & ADMINISTRATION

Cattle: 1mL/35 Kg (1.4 mg/Kg) body weight IV/ SC injection once daily
Horses: 1mL/70 Kg (0.7 mg/Kg) body weight IV injection once daily
Dogs: 1mL/12.5 Kg (4 mg/Kg) body weight IM/SC injection once daily
Cats: 1mL/12.5-50 Kg (1-4 mg/Kg) body weight SC injection once daily
Birds: 1mL/12.5-50 Kg (1-4 mg/ Kg) body weight IM/IV once daily
Reptiles: 1mL/12.5-50 Kg (1-4 mg/ Kg) body weight IM/IV/SC once daily
Or, as per direction of registered veterinarian/consultant.

CONTRAINDICATIONS

Do not use in animals showing hypersensitivity to Carprofen.

PRECAUTIONS

Carprofen should not be used in animals with active GI bleeding or ulceration. NSAIDs should be avoided or carefully monitored in animals with liver or kidney/ heart disease.

SIDE EFFECTS

There are relatively few side effects assorted with Carprofen. The most common side effects are diarrhea, vomiting & loss of appetite.

DRUG INTERACTIONS

Avoid combining with other anti-inflammatory drugs that tends to predispose animals towards GI ulcers such as glucocorticoids and other NSAIDs.

USE IN PREGNANCY

In the absence of any specific studies in pregnant cattle, use only according to the benefit/risk assessment of the responsible veterinarian.

OVERDOSE

No adverse signs were reported after intravenous and subcutaneous administration for up to 5 times of the recommended dose.

WITHDRAWAL PERIOD

Milk – Zero (0) day

Meat – 21 days

STORAGE CONDITION

Do not store above 30°C temperature. Do not refrigerate. Keep away from light and wet place. Keep out of reach of children.

PRESENTATION

PK5™ Vet IM/IV/SC injection 10 mL: Each carton contains one vial of 10 mL PK5™ Vet IM/IV/SC Injection. Each mL contains Carprofen USP 50 mg.

For Veterinary Use Only