

Enrofloxacin Injection IP (Vet)

Floxadin™ LA VET



NOT FOR HUMAN USE - FOR ANIMAL TREATMENT ONLY

SCHEDULE H PRESCRIPTION DRUG - CAUTION
 Not to be sold by retail without the prescription
 of a Registered Veterinary Practitioner.

COMPOSITION

Floxadin LA vet Injection

Each ml contains :
 Enrofloxacin IP (Vet) 100 mg
 Benzyl Alcohol IP 2 % v/v
 (As preservative)
 Water for Injections IP q.s.

DESCRIPTION

Floxadin LA vet is one of the latest chemotherapeutic agent for Veterinary use and belongs to fluoroquinolones - a unique synthetic compound.

ACTIVITY SPECTRUM

Floxadin LA vet is a broad spectrum bactericidal agent covering gram-positive and gram-negative bacteria, anaerobic organisms as well as Mycoplasma species.

MODE OF ACTION

Floxadin LA vet is unique by action and it leads to the irreversible inhibition of gyrase which is an essential enzyme, responsible for bacterial metabolism. Floxadin LA vet is excreted rapidly without affecting the somatic cells of the host animal. Floxadin LA vet is also found to interfere directly with the bacterial cell wall and thus exerts multiple effect upon bacteria. The instant bactericidal action of Floxadin LA vet kills not only the fast growing pathogenic bacteria but also pathogens which are in dormant phase in the host system.

RESISTANCE

Floxadin LA vet due to its unique and quick action does not allow to develop bacterial resistance. Even transfer of plasmid mediated resistance (extrachromosomal resistance factor) from one bacteria to another is stopped by Floxadin LA vet.

Floxadin LA vet is not degraded due to any bacterial enzyme. Resistance due to chromosomal mutation is rare.

BIOAVAILABILITY & ABSORPTION

Following parenteral administration, the maximum tissue concentration is available after 30 minutes to 2 hours. Effective concentration remains for 48-72 hours.

The half life of Floxadin LA Vet is 3 – 4 hours and is eliminated rapidly.

SAFETY AND TOXICITY

The safety margin of Floxadin LA vet is very high and a dose rate of 100 mg/kg body wt did not result in any significant change in blood composition, blood coagulation. In addition no adverse effect on CNS, kidney, lung, has been observed.

Floxadin LA vet does not show any allergic or

anti allergic reaction. Floxadin LA vet is neither teratogenic nor mutagenic. The above properties make Floxadin LA vet as one of the most effective anti-microbial agent to control a wide variety of bacterial and Mycoplasma infections in parenteral form.

INDICATIONS

Floxadin LA vet has proved its efficacy in practice against the following important diseases and causal organisms or their mixed forms;
E.coli, *Salmonella spp*, *Klebsiella spp*, *Moraxella bovis*, *Campylobacter spp.*, *Haemophilus spp.*, *Pseudomonas aeruginosa*, *Brucella canis*.
Staphylococcus spp., *Streptococcus spp.*, *Corynebacterium pyogenes*, *Clostridium perfringens*, *Erysipelothrix*, *Mycoplasma spp.*, and others like *Leptospira spp.*

Floxadin LA vet Injection

Floxadin LA vet is suitable for the treatment of a variety of infections, e.g. of the Alimentary and Respiratory tract, the Urogenital system and the skin in livestock such as; Enteritis, Coli Septicaemia, Bronchopneumonia, Enzootic pneumonia, Salmonellosis, Acute Mastitis, Colibacillosis Clostridiosis, Wound infection, and Secondary bacterial infection associated with viral diseases.

DOSE AND ADMINISTRATION

Floxadin LA vet Injection

Administer at the dose rate of 1 ml / 10 kg body wt. by IM, SC and slow IV as a single dose for effective treatment of above mentioned injections.

Target species

Cattle, Buffalo, Sheep and Goats.

Caution : Not recommended in combination with Chloramphenicol, Macrolides and Tetracyclines.

Not to be administered in cases with reported resistance to quinolones.

Do not use if solution is not clear or has suspended matter.

STORAGE

Store protected from light.

Do not freeze.

Keep medicine out of reach of children.

PRESENTATION

Floxadin LA vet Injection in vial of 50 ml.

WITHDRAWAL PERIOD :

For Injection : Milk - 84 hours,
 Meat - 28 days

Marketed by : Intervet India Pvt. Ltd.,
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