

ENRODOT-KP

Ketoprofen-60 mg + Enrofloxacin-100 mg

Injection For Veterinary Use Only

DESCRIPTION

This sterile injectable formulation combines **Ketoprofen**, a non-steroidal anti-inflammatory drug (NSAID), and **Enrofloxacin**, a fluoroquinolone antibiotic, offering both **anti-inflammatory and antibacterial** effects in one preparation. It is intended exclusively for veterinary use to treat bacterial infections accompanied by fever, swelling, and pain. The formulation is suitable for parenteral administration and supports rapid recovery in livestock and companion animals.

SPECIFICATION

Each ml of the solution contains:

- Ketoprofen IP: 60 mg
- Enrofloxacin IP: 100 mg
- Benzyl Alcohol IP (preservative): q.s.
- Water for Injection: q.s. to 1 ml

It is a clear, pale yellow to colourless sterile solution, packed in **30 ml and 100 ml vials**.

COMPOSITION

Each ml contains:

- Ketoprofen 60 mg
- Enrofloxacin 100 mg
- Suitable pharmaceutical excipients and preservative (Benzyl Alcohol IP)
- Water for Injection

CATEGORY

- Antibacterial (Fluoroquinolone class – Enrofloxacin)
- Non-Steroidal Anti-Inflammatory Drug (NSAID – Propionic acid derivative – Ketoprofen)

ROUTE OF ADMINISTRATION

Administered via:

- Intramuscular (IM) injection
- Slow Intravenous (IV) injection (in cattle, only under veterinary supervision)

INDICATION

Indicated for the treatment of:

- Respiratory tract infections
- Musculoskeletal inflammation and injuries
- Septicaemia and systemic infections
- Mastitis-metritis-agalactia syndrome in livestock
- Post-surgical bacterial infections
- Fever and inflammatory conditions associated with bacterial infections

Species: Cattle, buffalo, pigs, sheep, goats, dogs

PRODUCT FORM

Sterile liquid solution for parenteral administration

Pack sizes: **30 ml and 100 ml multidose glass vials**

USAGE & DOSAGE

- Cattle, buffalo, pigs: 1 ml per 20–30 kg body weight once daily for 3–5 days
- Dogs: 1 ml per 10–15 kg body weight once daily for 3–5 days

To be used only under the direction of a registered veterinary practitioner.

ADVANTAGES

- Dual action: anti-inflammatory and antibacterial
- Effective control of pain, fever, and infection simultaneously
- Reduced number of injections improves compliance
- Faster clinical recovery in acute infections
- Minimizes stress in treated animals

ADVERSE EFFECTS

- Temporary swelling or discomfort at injection site
- Risk of gastrointestinal irritation due to NSAID
- Avoid in animals with ulcers or known renal issues
- Enrofloxacin may affect cartilage development in growing animals

SCHEDULE & REGULATION

- Schedule H drug: To be sold by retail on the prescription of a registered veterinary practitioner only
- Not for human use
- For animal treatment only

PRECAUTIONS

- Not recommended in pregnant or lactating animals unless necessary
- Avoid in animals with bleeding disorders or renal impairment
- Ensure hydration during treatment
- Do not combine with other NSAIDs or nephrotoxic drugs
- Use aseptic techniques during administration

WITHDRAWAL PERIOD

- Meat: 14 days
- Milk: 3 days

Ensure strict observance of withdrawal period before animal products enter food chain.

STORAGE & HANDLING

- Store below 25°C in a dry, dark place
- Protect from direct sunlight
- Do not freeze
- Use within 28 days after first withdrawal
- Keep out of reach of children
- Dispose of unused product safely as per local regulations

HS & HSN CODE

- HS Code: 3004.90.90
- HSN Code (India): 30049099

SPECIAL INSTRUCTIONS

- For veterinary use only
- Do not mix with other injectable solutions
- Shake well before use
- Maintain a log of dosage and treatment
- Mark treated animals to avoid premature slaughter

HUMAN VS. VETERINARY APPLICATION

This combination is strictly for **veterinary use only**.

- Enrofloxacin is prohibited for human use
- Ketoprofen is approved in human medicine, but this formulation is not to be used in humans
- Should be administered only by or under the supervision of a registered veterinarian
- Human use of this product is legally prohibited and medically unsafe

? FREQUENTLY ASKED QUESTIONS (FAQs)

What is the benefit of combining Ketoprofen (KTP) with Enrofloxacin (ENR)?

The combination provides both anti-inflammatory and antibacterial effects, reducing inflammation and controlling infection in one treatment.

Can this be given to poultry?

This injection is generally not indicated for poultry. Use only if prescribed by a poultry-specialized veterinarian.

Can it be used during pregnancy?

It is not recommended during pregnancy or lactation unless advised by a vet.

Is this combination safe for young animals?

Caution is advised in growing animals, as fluoroquinolones may affect cartilage development.

What's the withdrawal period (WP)?

Withdrawal period refers to the waiting time before animal meat or milk can be used for human consumption. For this product:

- 14 days for meat
- 3 days for milk

