

DOTMOX

Amoxicillin Sodium I.P. & Cloxacillin Sodium I.P.

Veterinary Dry Injection Veterinary Use Only

Description

A potent combination of two beta-lactam antibiotics: **Amoxicillin Sodium** and **Cloxacillin Sodium**, designed for broad-spectrum antibacterial activity in veterinary applications. This dry injection powder requires reconstitution with sterile water before administration, offering a convenient, stable, and effective solution for treating systemic bacterial infections in animals.

Composition

- **Amoxicillin Sodium I.P.** equivalent to Amoxicillin: 2 gm
- **Cloxacillin Sodium I.P.** equivalent to Cloxacillin: 2 gm
- **Sterile Water for Injection:** Provided free for reconstitution
- **Excipients:** Suitable stabilizers and buffers (q.s.)

Category

- Veterinary Injectable Antibiotic
- Beta-lactam combination (Penicillin's)

Indications

Effective against a wide range of Gram-positive and Gram-negative bacterial infections including:

- Respiratory tract infections
- Mastitis
- Septicaemia
- Skin and soft tissue infections
- Urinary tract infections
- Wound infections

Route of Administration

- Intramuscular (IM) or intravenous (IV) injection (as prescribed)
- Reconstitute powder with provided sterile water before use

Dosage & Administration

- Dose varies depending on species, severity, and weight of animal.
- Typical dosage: 5-10 mg/kg body weight every 12 hours or as directed by veterinarian.
- Reconstitute using sterile water immediately prior to administration.
- Use aseptic technique to avoid contamination.
- Discard unused reconstituted solution after recommended time (usually 24 hours).

Advantages

- Broad spectrum antibacterial activity combining two synergistic penicillin's
- Effective against β -lactamase producing bacteria due to cloxacillin component
- Convenient dry powder form ensures longer shelf-life and stability
- Comes with sterile water for ready reconstitution
- Suitable for various animal species and multiple infections

Precautions

- Use only under veterinary prescription
- Check for hypersensitivity to penicillin's before use
- Avoid overdosing; follow vet's dosage strictly
- Monitor for allergic reactions or adverse effects during therapy
- Do not mix with other drugs unless advised by a veterinarian

Storage

- Store dry powder below 25°C in a cool, dry place away from light / Protect from freezing
- After reconstitution, store injection refrigerated (2-8°C) and use within 24 hours

Adverse Effects

- Possible allergic reactions (rash, anaphylaxis) in sensitive animals
- Injection site pain or irritation
- Gastrointestinal disturbances in some animals

Schedule

- Prescription veterinary drug

Handling & Disposal

- Use aseptic technique during reconstitution and administration
- Dispose of used vials and syringes as per veterinary medical waste guidelines

HS & HSN Code

- **HS Code:** 2941.10 (Antibiotics)
- **HSN Code:** 30042019 (Other Veterinary Antibiotics)

Frequently Asked Questions (FAQs)

Q1: How to reconstitute this dry powder injection?

A: Use the sterile water vial provided. Inject the entire volume into the powder vial, gently swirl until completely dissolved. Do not shake vigorously.

Q2: Can this injection be given intravenously?

A: Yes, but only under veterinary supervision. Intramuscular is preferred for most cases.

Q3: What if the animal shows allergic reaction?

A: Immediately discontinue use and consult your veterinarian for alternative treatment.

Q4: Can this injection be mixed with other drugs?

A: Avoid mixing unless explicitly instructed by a vet.

Q5: What is the withdrawal period after administration?

A: Follow the withdrawal period as prescribed by the veterinarian, typically 7-14 days for meat and milk.