

Lyophilized Powder for Injection *

Procaine Benzylpenicillin for Powder Injection

Drug interactions

- Penicillin synergizes with aminoglycosides by boosting their bacterial concentration. It should not be combined with rapid bacteriostats (macrolides, tetracyclines, etc.), heavy metals, alcohols, acids, oxidizing/reducing agents, hydroxyl compounds, acidic injections, amines, or certain drug solutions (e.g., chlorpromazine, lincomycin) to avoid activity loss, absorption alteration, or precipitation.

Pharmacologic Actions

- Penicillin, a narrow-spectrum antibiotic, mainly acts on many Gram-positive bacteria and some Gram-negative cocci. It is sensitive to staphylococci, streptococci, etc., but not to mycoplasma, fungi, viruses.
- Procaine penicillin: slow absorption, low peak, long-acting; mixed with penicillin for fast+long effects; large doses risk procaine toxicity.



Specification

4 million (procaine 3 million + penicillin 1 million)/ul

Ingredients

Each bottle contains: procaine penicillin 3 million units, benzylpenicillin sodium 1 million units.

Description

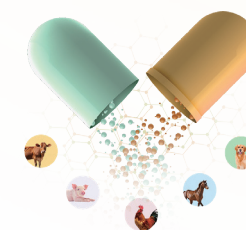
White or slightly yellow sterile powder.

Good Manufacturing Practice



Indications

Penicillin synergizes with aminoglycosides by boosting their bacterial concentration. It should be mainly used for the treatment of chronic infections caused by bacteria sensitive to penicillin, such as bovine uterine pus accumulation, mastitis, bone fracture, etc. It is also used for infections caused by Actinobacillus and Leptospira.



! Usage and dosage

Intramuscular injection. Single dose, 10,000–20,000 units per kilogram of body weight for horses and cattle; 20,000–30,000 units for sheep, pigs, donkeys and calves; 30,000–40,000 units for dogs and cats. Apply once daily for 2–3 days. Add appropriate amount of sterile water to make a suspension before use.

Safety And Packaging

! ADVERSE REACTIONS

The major adverse reaction is anaphylaxis, which can occur in most domestic animals but has a low incidence. Local reactions are characterized by edema and pain at the injection site, and systemic reactions are hives and rashes. In severe cases, shock or death may result.

Gastrointestinal double infections can be induced in some animals.

! Precautions

This product is intended only for the treatment of chronic infections caused by bacteria highly susceptible to penicillin. It is slightly soluble in water and will rapidly become ineffective when exposed to acids, alkalis or oxidizing agents. Therefore, the injection should be prepared and used now.

Pay attention to the interactions with other drugs and contraindications of pairing, so as not to affect the efficacy.



Withdrawal period

Cattle, sheep and swine: 28 days; milk: 72 hours.

Packing

100 mL per bottle.

Packaging specifications can be adjusted according to customer requirements.

Feel Free to Contact Us for Your Needs!

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