

# Kanapro

# solution for injection (For vet. use only)

# **Composition:**

solution for injection:

Kanamycin acid sulphate 7,500,000 IU. N-acetyl-L-cysteine 7.5 gm.

## **Properties:**

It is a combined antibiotic (kanamycin) and mucolytic (Acetyl cysteine) agents.

Kanamycin is an aminoglycoside antibiotic with bactericidal activity.

It inhibits bacterial protein synthesis via binding to 30S ribosome.

It is active against Gram negative bacteria (Ecoli, Salmonella Spp.. Klebsiella Spp., Pseudomonas aerugenosa, Bordetella bronchiseptica & Pasteurella Spp.) and has activity against Staphylococcus aureus and other Staphylococcus spp.

Acetylcysteine decreases viscosity of secretions and is used as mucolytic agent in eyes and in bronchial nebulizing Solutions.

It is a sulfhydryl compound acts to increase synthesis of glutathione in the liver.

#### Indications:

#### For the treatment of:

#### **A-Horses:**

Septic arthritis & Tenosynovitis caused by Staphylococcus spp.

# **B-Dogs:**

Superficial pyoderma caused by Staphylococcus spp. (especially Spsendintermedius).

Deep pyoderma caused by Staphylococcus spp. E.coli & Pseudomonas spp.

Superficial ocular infection caused by Staphylococcus spp. & E.coli.

Lower urinary tract infection (Bacterial cystitis) caused E.coli, Staphylococcus spp. Klebsiella spp & Pseudomonas spp.

# **Target species:**

Horses, Dogs.

# **Dosage & administration:**

#### **Route:**

# By I/M(horses). S/C Injection (Dogs)

For active ingredient:

**Horses:** 6000 7500 IU kanamycin sulfate + 6-7.5 mg N-acetyl-L-cysteine kg b.wt by I/M injection every 12 hours for 3-2 days.

Dags: 11250 - 15000 IU kanamycin suling.

injection every 12 hours for 2-3 days. 1935, 45 mg N-acetyl-cysteine/kg/ b.wt by S/C.

# For whole product:

**Horses:**10-8 ml of product / 100 kg bwt. by I/M injection every 12 hours for 3-2 days. **Dogs:**10-8 ml of product / 100 kg bwt. by I/M injection every 12 hours for 3-2 days.



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# **Warning & precautions:**

- Avoid co-administration of fast-acting diuretics such as ethacrynic acid and furosemide.
- Do not mix in vial or syringe with other antibiotics.

#### **Contra-indications:**

- Do not be used with nephrotoxic drugs such as aminoglycoside antibiotics, polimixira, colistin, cephaloridine, general anesthetics and muscle relaxants.
- Do not administer to equine animals producing milk for human consumption.
- Do not use in animals with renal disease.
- Do not use in dehydrated animals.

#### **Adverse effects:**

Nephrotoxicity is the most dose limiting toxicity.

Ensure that patients have adequate fluid and electrolyte balance during therapy.

\* Ototoxicity and vestibulotoxicity also are possible.

#### Withdrawal time:

Not applicable.

## **Storage conditions:**

Store at temperature not more than 30°C.

\* Keep out of reach of children.

# **Packaging:**

Glass vial containing: 20,100 ml.