ENRODAN
Injection 20%

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20% انجیکشن

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COMPOSITION:
Each ml contains
Enrofloxacin BP------200mg

PROPERTIES:
A specific enzyme called DNA-gyrase produces the necessary super coiling of DNA in a number of identifiable chromosomal domonies so that it can be twisted tightly & then sealed around an RNA core. This process is very much essential to complete bacterial life cycle. To achieve this, the chromosome has to be transiently nicked prior to sealing.

Enrofloxacin (an antibiotic of quinolones group) inhibits the activity of DNA-gyrase enzyme, leading to a reduction in super coiling and serious disruption of the spatial arrangement of DNA. As a result bacterial life cycle is disrupted. The exposed nicks also induce exonucleases, which degrade chromosomal DNA into small non-functional fragments. The Enrofloxacin affected bacteria increases in length & clearing of the cytoplasm at the periphery takes place. This in turn is followed by lysis & ultimately only bacterial ghosts remain. The action of Enrofloxacin (quinolones) is bacteriocidal and the viability of susceptible organisms is usually lost within 20-30 min of exposure to optimal antibacterial concentration.

INDICATIONS:
Enrodan injection is a broad spectrum antibiotic indicated in the treatment of bacterial infections of the alimentary, respiratory and urogenital tracts, bacterial diarrhoea, septicemia, mastitis, endo-metritis, pneumonia and hemorrhagic septicemia in cattle, sheep, goats and other animal species.

DOSAGE:
Inject IM or SC for 3-5 days
Sheep, Goats, Cows & Buffaloes:
0.5ml/40 Kg B.W.

Enrodan Injection is administered as multiple-day therapy. Selection of the appropriate dose and duration of therapy should be based on an assessment of the severity of disease, pathogen susceptibility and clinical response.

Treatment should be repeated at 24-hour intervals for three days.

Additional treatments may be given on days 4 and 5 to animals that have shown clinical improvement but not total recovery. Dose volume should not exceed 10 ml per injection site.

PRECAUTIONS:
Protect from heat and sunlight.
Store in a cool & dry place at 25°C.
Keep out of reach of children.
Consult veterinarian before use.
Don't use if the seal is leaking, solution is turbid or contains any foreign matter.

اجزائے ترکیبی:
فی ملی لیٹر
اینروفلاکساسین (بی پی)----------۲۰۰ ملی گرام

خوراک واستعمال:
گائے، بھینس، بھیڑ، بکری۔۔۔ بحساب ۰٫۵ ملی لیٹر فی ۴۰ کلو گرام جسمانی وزن ۳-۵ دِن گوشت میں لگائیں۔

علامات:
اینروڈان انجیکشن ایک وسیع العمل اینٹی بائیوٹک دوا ہے جو جانوروں میں بیکٹیریا سے پھیلنے والی بیماریاں، گل گھوٹو، نمونیاں بخار، رحم کی سوزش، حیوانہ کی سوزش اور بیکٹیریل ڈائیریا میں انتہائی مفید ہے۔

احتیاط:
گرمی اور دھوپ سے بچائیں۔ ٹھنڈی اور خشک جگہ پر ۲۵ ڈگری سینٹی گریڈ درجہ حرارت پر رکھیں۔ تمام دوائیں بچوں کی پہنچ سے دور رکھیں۔ ویٹنری ڈاکٹر کی ہدایات کے مطابق استعمال کریں۔ سیل کے لیک ہونے، دھندلا ہونے یا اس میں کوئی غیر حل پزیر شے نظر آنے کی صورت میں ہرگز استعمال نہ کریں۔

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