Lincospira

Solution

For Veterinary Use Only

COMPOSITION:

Each ml contains
Spiramycin Adipate 125mg
Lincomycin HCl.....75mg

MECHANISM OF ACTION/EFFECT:

Spiramycin is thought to reversibly bind to the 50 S subunit of bacterial ribosomes, resulting in blockage of the transpeptidation or translocation reactions, inhibiting protein synthesis and subsequent cell growth. It is primarily bacteriostatic, but may be bactericidal against more sensitive strains when used in higher concentrations. Spiramycin also accumulates in high concentrations in the bacterial cell. Unlike Erythromycin, Spiramycin does not produce gastrointestinal motility stimulation. Lincomycin acts by binding with the 50S subunit of the bacterial ribosome where it prevents the binding of aminoacyl RNA to the messenger ribosome complex by inhibition of peptidyl transferase. Ultimately bacterial protein synthesis is inhibited. .

IINDICATIONS:

Lincospira Solution is a broad spectrum antibiotic equally effective against g +ve and g -ve micro-organism. It is very useful in cases of E. Coli, Mycoplasma, CRD, Coryza, Coliform septicemia, Synovitis and Fowl Cholera. Lincospira Solution is highly effective against Clostridium spp. Bacteroid spp. and salmonella spp. in poultry. It is especially effective in the upper respiratory tract infections in layers, broiler and breeders..

DOSAGE & ADMINISTRATION:

Prevention: 1ml of Lincospira Solution in 4 liters of drinking water for 3 to 5 days.
Treatment: 1ml of Lincospira Solution in 2 liters of drinking water for 3 to 5 days.

PHARMACOLOGY:

Lincomycin solution is a lincosamide antibiotic that comes from the yeast Streptomyces lincolnensis. Lincomycin has been shown to be active in vitro against the following microorganisms: Aerobic gram-positive cocci: Streptococcus pyogenes and Viridians group streptococci; Aerobic gram-positive bacilli: Corynebacterium diphtheria; Anaerobic gram-positive non-spore forming bacilli: Propionibacterium acnes; Anaerobic gram-positive spore forming bacilli: Clostridium tetany and Clostridium perfringens. Rapidly absorbed from the gastrointestinal tract following oral administration. Approximately 20 to 30% absorbed orally in fasting state; absorption decreased when taken with food. Spiramycin reaches peak plasma levels within 1-2 hr in most cases, although absorption patterns may be erratic due to the presence of food and may depend on the salt or ester used.

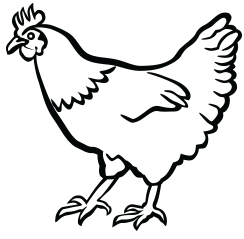
TOXICOLOGY:

Lincomycin in normal doses does not show any significant clinical, hematological or histopathological effects. However, a short-lived diahorrea can be observed. Spiramycin does not produce any teratogenic or embryonic effects and does not effect the foetuses and new born animals.

PRECAUTION:

- Store between 15-25°C in a cool and dry place away from light.
- Keep out of the reach of the children.
- Consult the veterinarian before use

Innovator's Specs



Selmore Pharmaceuticals (Pvt) Ltd.

Manufactured by:
Selmore Pharmaceuticals (Pvt) Ltd.
36 Km Multan Road, Lahore, Pakistan.

ISO CERTIFIED COMPANY