



# Tylosin Injection for Cattle & Pigs



## Active Constituents

Tylosin 200 mg/mL

## Actions

elevel+® Tylosin 200 mg/mL Injection for Cattle and Pigs is an antibiotic substance produced by a strain of *Streptomyces fradiae*, an actinomycete. elevel+ Tylosin 200 mg/mL Injection for Cattle and Pigs is a sterile solution of tylosin base in propylene glycol. Each millilitre contains 200 milligrams of tylosin base activity.

## Indications

For the treatment of tylosin-susceptible bacterial and mycoplasma infections in cattle and pigs.

### Cattle

elevel+® Tylosin 200 mg/mL Injection for Cattle and Pigs is effective in cattle for the treatment of pneumonia, metritis, foot rot, leptospirosis, acute mastitis, contagious calf pneumonia, pneumoenteritis of calves, secondary bacterial infections associated with the virus diseases, and as an aid in combating infections associated with surgical procedures or injuries. In general, this drug is effective against those conditions associated with or caused by bacteria sensitive to tylosin.

### Pigs

elevel+® Tylosin 200 mg/mL Injection for Cattle and Pigs is indicated as an aid in treating the secondary bacterial invaders in viral diseases. Pig diseases reported responding to elevel+® Tylosin 200 mg/mL Injection for Cattle and Pigs therapy are: erysipelas, pneumonia and dysentery in pigs. Resistance may develop to any chemical.

## Precautions

If there is no response to therapy in three days, diagnosis and treatment should be reassessed.

Do not mix elevel+® Tylosin 200 mg/mL Injection for Cattle and Pigs with other parenteral solutions as this may cause precipitation of the active ingredient.

## Side Effects

Occasionally pigs have been observed with a reaction to elevel+® Tylosin 200 mg/mL Injection for Cattle and Pigs. This consists of an oedema of the rectal mucosa, mild anal protrusion, diarrhoea, erythema and pruritus. Discontinuation of the treatment has affected an uneventful recovery from these symptoms. As with the injection of any foreign substance, an injection site reaction may very occasionally occur in some pigs. If the reaction is of concern to the producer, allowing a period of at least three weeks to elapse before slaughter will minimise the need for excessive trim at the injection site.

## Dosage & Administration

Use the contents within 28 days of first broaching of the vial. Discard the unused portion.

## Cattle

Inject 5 to 10 mg tylosin per kilogram of bodyweight daily intra-muscularly or by slow intravenous injection (equivalent to 0.5 mL to 1 mL elevel+<sup>®</sup> Tylosin 200 mg/mL Injection for Cattle and Pigs per 20 kg bodyweight). Treatment should be continued 24 hours following remission of disease signs. Do not exceed 5 days of treatment.

## Pigs

Inject 5 to 10 mg tylosin per kilogram of bodyweight daily intramuscularly (equivalent to 0.5 mL to 1 mL elevel+<sup>®</sup> Tylosin 200 mg/mL Injection for Cattle and Pigs per 20 kg bodyweight). Treatment should be continued 24 hours following remission of disease signs. Do not exceed 3 days of treatment.

## Drug Properties

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Tylosin is used exclusively in animals. The oral LD50 in mice is greater than 5 grams per kilogram. In pigs, the LD50 by the intramuscular route is approximately 1000 milligrams per kilogram; by oral route, greater than 5 grams per kilogram of tylosin tartrate. Tylosin has an antibacterial spectrum that is essentially gram-positive, but it is also active against certain spirochaetes, large viruses, and certain gram-negative organisms (not including coliforms). It has been found to be extremely active against the Mycoplasma species.

## Withholding Periods

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### Meat

CATTLE - DO NOT USE less than 21 days before slaughter for human consumption.

PIGS - DO NOT USE less than 3 days before slaughter for human consumption.

### Milk

Milk collected from cows within 72 hours (6 milkings) following treatment MUST NOT BE USED or processed for human consumption, or fed to bobby calves.

Any variation by the prescribing veterinarian to the approved use pattern, may require an extended withholding period.

## Trade Advice

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EXPORT SLAUGHTER INTERVAL (ESI): An ESI has not been established for this product.

Note – observing the meat withholding period may not be sufficient to mitigate potential risks to export trade. Trade advice should be sought from the AVet Health Ltd. on 1300 28 38 28 before using this product.

## Safety Data Sheet

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For Safety Data Sheet see [www.avet.health](http://www.avet.health)

## First Aid

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If poisoning occurs, contact a doctor or phone the Poisons Information Centre. Phone Australia 13 11 26.

## Presentation

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100 mL multidose vial

## Disposal

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Dispose of container by wrapping in paper and putting in garbage. Discarded needles should immediately be placed in a designated and appropriately labelled 'sharps' container.

## Storage

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Store below 25 °C (air conditioning). Protect from light.

## Poisons schedule

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## Registration Number

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APVMA Approval Number: 93244