Draxxin® KP
(tulathromycin and ketoprofen injection)
INJECTABLE SOLUTION

One Shot. Two Ingredients. Fast Recovery.

Draxxin® KP can treat BRD and control fever effectively.

Keep your peace of mind with a strong combination of Draxxin® (*tulathromycin injection*) Injectable Solution, the most trusted antibiotic on the market,[1] and ketoprofen, a fast-acting NSAID. Draxxin® KP (*tulathromycin and ketoprofen injection*) Injectable Solution helps you achieve treatment success for **bovine respiratory disease (BRD) and fever** associated with BRD in beef steers, beef calves 2 months of age and older, beef heifers and beef bulls.

Draxxin KP, with demonstrated efficacy against BRD-associated fever and treatment of all four major BRD pathogens, supports a fast and effective recovery from BRD, which may help improve well-being.[2,3,*]

Control BRD related fever quickly

- Draxxin KP demonstrated a significant reduction ($p \leq 0.0072$) of BRD-associated fever from one hour up to 24 hours after treatment compared with Draxxin alone.[3]
- The combination of ketoprofen and Draxxin can help cattle quickly recover from BRD-related fever, which could help them feel better.[3,4*]

One shot for effective treatment

In just one shot, Draxxin KP reaches therapeutic levels rapidly and will maintain antibacterial therapeutic levels for approximately 14 days.[2]

- The tulathromycin and ketoprofen in Draxxin KP are both rapidly absorbed and distributed. Fever reduction starts as soon as one hour, and the tulathromycin is bioequivalent to the Draxxin we are all familiar with.[2]
- Draxxin KP had a significantly greater BRD-treatment success rate compared with calves treated with saline alone and similar treatment success rates to calves receiving Draxxin alone.[3,4]

Help get your cattle back on their feet.

- Draxxin KP treated animals showed numerically improved attitude and respiratory scores compared with saline-treated and Draxxin-treated animals.[2]

IMPORTANT SAFETY INFORMATION: Draxxin KP has a pre-slaughter withdrawal time of 18 days in cattle. Not for use in female dairy cattle 1 year of age or older, including dry dairy cows. Not for use in beef calves less than 2 months of age, dairy calves, and veal calves. A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in animals previously found to be hypersensitive to tulathromycin and ketoprofen. See Brief Summary of Prescribing Information on the next page.

* Draxxin KP-treated animals showed reduced fever and numerically improved attitude and respiratory scores compared with saline-treated and Draxxin-treated animals post-treatment.[2]

[1] Animalytix Anti-infectives Therapeutic Category Segment Data Ending MAT, June 2021.
[2] Data on file, Study Report No. A431N-US-16-418, Zoetis Inc.
[3] Data on file, Study Report No. A131C-XC-17-528 and Report Amendment 01, Zoetis Inc.
[4] Data on file, Study Report No. A131C-US-17-531, Zoetis Inc.

Learn More at DraxxinKP.com

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CHECK-OFF & ECHO NOTES

First, always ask if a Zoetis representative has been in contact recently:

Doctor, have you recently been introduced to Draxxin® KP?

If **YES**, confirm and discuss benefits.

If **NO**, engage/detail the customer as the primary contact.

Confidence
I believe Draxxin® KP will provide an important tool for treating Bovine Respiratory Disease (BRD) for your customer's cattle.

Neutral invitation
Let's take a look at some basic information about Draxxin® KP...

It's the customer's decision
...so you can decide whether Draxxin® KP is a solution you'll consider for your customers with cattle showing signs of BRD.

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Brief Summary of full Prescribing Information

Draxxin® KP
(tulathromycin and ketoprofen injection)
INJECTABLE SOLUTION

For subcutaneous injection

Antibiotic: 100 mg of Tulathromycin/mL

Non-Steroidal Anti-inflammatory Drug: 120 mg Ketoprofen/mL

CAUTION: Federal law restricts this drug to use by or on the order of a licensed veterinarian

DESCRIPTION

DRAXXIN KP (tulathromycin and ketoprofen injection) Injectable Solution is a ready to use sterile parenteral preparation containing tulathromycin, a semi-synthetic macrolide antibiotic of the subclass triamilide and ketoprofen a non-steroidal anti-inflammatory drug. **ACTIVE INGREDIENTS:** Each mL of DRAXXIN KP contains 100 mg of tulathromycin as a free base and 120 mg ketoprofen as a free acid in a 50% propylene glycol vehicle. **INACTIVE INGREDIENTS:** monothioglycerol (5 mg/mL), 2-pyrrolidone (70 mg/mL), citric acid (20 mg/mL) and sodium hydroxide/hydrochloric acid added to adjust pH. DRAXXIN KP contains an equilibrated mixture of two isomeric forms of tulathromycin in a 9:1 ratio and a racemic mixture of ketoprofen.

The chemical names of the tulathromycin isomers are (2R,3S,4R,5R,8R, 10R,11R,12S,13S,14R)-13-[[2,6-dideoxy-3-C-methyl-3-O-methyl-4-C-[(propylamino)methyl]-α-L-ribo-hexopyranosyl]oxy]-2-ethyl-3,4,10-trihydroxy-3,5,8,10,12,14-hexamethyl-11-[[3,4,6-trideoxy-3-(dimethylamino)-β-D-xylo-hexopyranosyl]-oxy]-1-oxa-6-azacyclopentadecan-15-one and (2R,3R,6R,8R, 9R,10S,11S,12R)-11-[[2,6-dideoxy-3-C-methyl-3-O-methyl-4-C-[(propylamino)methyl]-α-L-ribo-hexopyranosyl]oxy]-2-[(1S,2R)-1,2-dihydroxy-1-methylbutyl]-8-hydroxy-3,6,8,10,12-pentamethyl-9-[[3,4,6-trideoxy-3-(dimethylamino)-β-D-xylo-hexopyranosyl]oxy]-1-oxa-4-azacyclotridecan-13-one, respectively.

The chemical name of ketoprofen is 2-(3-Benzoylphenyl) propanoic acid.

INDICATIONS

Draxxin® KP is indicated for the treatment of bovine respiratory disease (BRD) associated with *Mannheimia haemolytica, Pasteurella multocida, Histophilus somni,* and *Mycoplasma bovis*, and control of pyrexia associated with BRD in beef steers, beef heifers, beef calves 2 months of age and older, beef bulls, dairy bulls, and replacement dairy heifers. Not for use in reproducing animals over one year of age, dairy calves, or veal calves.

DOSAGE AND ADMINISTRATION

Inject subcutaneously as a single dose in the neck at a dosage of 2.5 mg tulathromycin and 3 mg ketoprofen/kg (1.1 mL/100 lb) bodyweight (BW). Do not inject more than 10 mL per injection site. Use this product within 56 days of the first puncture and puncture a maximum of 20 times. If more than 20 punctures are anticipated, the use of automatic injection equipment or a repeater syringe is recommended. When using a draw-off spike or needle with bore diameter larger than 16 gauge, discard any product remaining in the vial immediately after use.

Table 1. DRAXXIN KP Cattle Dosing Guide

Animal Weight (lb)	Dose Volume (mL)
150	1.7
200	2.3
250	2.8
300	3.4
350	4.0
400	4.5
500	5.7
600	6.8
700	8.0
800	9.1
900	10.2
1000	11.4

CONTRAINDICATIONS

The use of DRAXXIN KP Injection is contraindicated in animals previously found to be hypersensitive to tulathromycin and ketoprofen.

WITHDRAWAL PERIODS AND RESIDUE WARNINGS: Cattle must not be slaughtered for human consumption within 18 days following last treatment with this drug product. Not for use in female dairy cattle 1 year of age or older, including dry dairy cows; use in these cattle may cause drug residues in milk and/or in calves born to these cows or heifers. Not for use in beef calves less than 2 months of age, dairy calves, and veal calves. A withdrawal period has not been established for this product in pre-ruminating calves.

USER SAFETY WARNINGS:

NOT FOR HUMAN USE. KEEP OUT OF REACH OF CHILDREN.

The Safety Data Sheet (SDS) provides more detailed occupational safety information. To obtain a Safety Data Sheet contact Zoetis Inc. at 1-888-963-8471.

ANIMAL SAFETY WARNINGS and PRECAUTIONS

The effects of DRAXXIN KP on bovine reproductive performance, pregnancy, and lactation have not been determined. Not for use in reproducing animals over one year of age because reproductive safety testing has not been conducted. Administration of tulathromycin and ketoprofen injection may result in injection site swelling that appears the day after treatment and may persist for at least 32 days post-injection. This may result in trim loss of edible tissue at slaughter.

As a class, cyclo-oxygenase inhibitory NSAIDs (Ketoprofen) may be associated with gastrointestinal, hepatic and renal toxicity. Sensitivity to drug-associated adverse effects varies with the individual patient. Patients at greatest risk for renal toxicity are those that are dehydrated, on concomitant diuretic therapy, or those with renal, cardiovascular, and/or hepatic dysfunction. Use judiciously when renal impairment or gastric ulceration is suspected.

Since many NSAIDs possess the potential to induce gastrointestinal ulceration, concomitant use of DRAXXIN KP with other anti-inflammatory drugs, such as other NSAIDs and corticosteroids, should be avoided or closely monitored.

Discontinue use if fecal blood is observed.

ADVERSE REACTIONS

Repeated administration of NSAIDs can result in gastric or renal toxicity. Sensitivity to drug-associated adverse effects varies with the individual patient. Patients at greatest risk for toxicity are those that are dehydrated, on concomitant diuretic therapy, or those with pre-existing gastric ulcers, renal, cardiovascular, and/or hepatic dysfunction.

HOW SUPPLIED

DRAXXIN KP Injection is available in the following package sizes:
50 mL vial; 100 mL vial; 250 mL vial; 500 mL vial

STORAGE CONDITIONS

Store at or below 25°C (77°F), with excursions up to 40°C (104°F).

Protect from freezing.

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