Florfenicol Amine, HRP conjugate

DAG1193

Lot. No. (See product label)

PRODUCT INFORMATION

Product overview	Florfenicol Amine, HRP conjugate
Antigen Description	Florfenicol are broad spectrum antibiotics closely related in structure and activity to chloramphenicol. Florfenicol have similar antibacterial spectra to chloramphenicol but have not been associated with aplastic anaemia. Both drugs have been used for the treatment of infectious diseases in cattle, pigs and poultry. Florfenicol is used extensively in veterinary medicine and it's use in food producing animals could result in potentially harmful concentrations in tissue, organs and milk. The potential risk is reduced by withdrawal of the drug for a fixed period before slaughter, although residual levels may remain.
Source	Antimicrobial Drugs
Conjugate	HRP
Form	concentrate
Characteristic	Each conjugate comprises antigen covalently bound to horseradish peroxide and is suitable as a tracer in immunoassay development

PACKAGING

Storage	Can be stored at 2-8°C for up to 3 months and at -20°C for longer term storage.

BACKGROUND

Introduction	Florfenicol is a fluorinated synthetic analog of thiamphenicol. In the United States, florfenicol is currently indicated for the treatment of bovine respiratory disease (BRD) associated with Mannheimia (Pasteurella) haemolytica, Pasteurella multocida, and Haemophilus somnus, for treatment of bovine interdigital phlegmon associated with Fusobacterium necrophorum and Bacteroides melaninogenicus. The use of florfenicol in horses, and likely in other equids, typically causes diarrhea. This has been anecdotally reported to progress to lethal cases of acute colitis. Therefore, use of this antimicrobial in the equine patient should be limited to cases in which other, safer, options are not available.
Keywords	Florfenicol; 2,2-dichloro-N-[(1R,2S)-3-fluoro-1-hydroxy-1-(4-methanesulfonylphenyl)propan-2-yl]acetamide; AQUAFEN; SCH-25298; Sch-25298, Aquafen; [r-(r*, r*)]-n-[1-(fluoromethyl)-2-hydroxy-2-(4-(methylsulforyl)phenyl)-ethyl]-2,2-dichloroacetamide

REFERENCES

1. Syriopoulou VP, Harding AL, Goldmann DA, Smith AL (February 1981). "In vitro antibacterial activity of fluorinated analogs of chloramphenicol and thiamphenicol.". Antimicrob Agents Chemother. 19 (2): 294–7. PMC 181412. PMID 6957162. 2. Robinson, N.E.; Sprayberry, K.A. (2009). Current therapy in equine medicine. Saunders Elesevier. p. 13. ISBN 978-1-4160-5475-7. Retrieved March 21, 2011.

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