

Antibiotic Susceptibility Patterns For Live Oral Vaccines

Antibiotics shown as S, I, or NT beneath the vaccines indicated should be avoided via feed, water, or mass injection for at least a 7 day period. Vaccinate on Day 4 of this non-medicated period. A longer non-medicated period, especially post-vaccination (eg 7 days or longer), is recommended if possible. Prolonged action of some injectable products, like Draxxin™ (tulathromycin) and Excede™ (ceftiofur), call for non-medicated periods of 14 days or longer pre-vaccination¹. Consult your veterinarian or call BIVI at 800-325-9167 for additional information.

Antimicrobial	Enterisol® SC-54	Ingelvac® ERY-ALC	Enterisol® Ileitis
Amikacin	S	R	NO antibiotics should be administered concurrently with this vaccine.
Amoxicillin/Clavulanate	I	NT	
Ampicillin	R	S	
Apramycin	S	S	
Carbadox* (Mecadox®)	S	R	
Ceftiofur (Naxcel®, Excenel®, Excede™, ¹)	S	S	
Cephalexin	S	NT	
Cephalothin	S	S	
Chlortetracycline	R	NT	
Clindamycin/Lincomycin	R	S	
Erythromycin	R	S	
Florfenicol (Nuflor®)	S	NT	
Gentamicin	S	R	
Neomycin	S	S	
Oxytetracycline	R	S	
Penicillin	R	S	
Spectinomycin	S	NT	
Sulfachloropyridazine	S	S	
Sulfadimethoxine	S	R	
Sulfathiazole**	R	NT	
Tiamulin (Denagard®)	R	S	
Tiamulin/Tetracycline	R	NT	
Tilmicosin (Pulmotil®)	R	NT	
Trimethoprim/ Sulfamethoxazole	R	S	
Tulathromycin (Draxxin™, ¹)	S	S	
Tylosin (Tylan®)	R	S	

R = Resistant I = Intermediate S = Susceptible NT = Not Tested

Unless noted, all evaluations are MICs performed at Iowa State University Diagnostic Laboratory.

*Mecadox was performed anaerobically as per manufacturer specifications (susceptible at 20 mm diameter or greater).

**Kirby-Bauer disk sensitivity testing performed at Boehringer Ingelheim, Sioux Center, Iowa. Enterisol and Ingelvac are registered trademarks of Boehringer Ingelheim Vetmedica GmbH, Ingelheim, Germany. Denagard is a registered trademark of Novartis Animal Health, Greensboro, NC. Mecadox is a registered trademark of Phibro Animal Health, Fairfield, NJ. Naxcel and Excenel are registered trademarks and Excede and Draxxin are trademarks of Pfizer Animal Health, New York, NY. Pulmotil and Tylan are registered trademarks of Elanco Animal Health, a Division of Eli Lilly & Co., Greenfield, IN. Nuflor is a registered trademark of Schering-Plough Animal Health, Union, NJ.

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