

**Summary of Susceptibility Results**  
**Veterinary Diagnostic Laboratory, Kansas State University**  
Date: 1/1/07 to 12/31/07

**EQUINE: *Actinobacillus equuli***

TESTED: 5

	Interpretations (as%)			
	S	I	R	NI
Amikacin	100.0			
Amoxicillin / Clavulanic Acid	100.0			
Ampicillin	100.0			
Cefazolin	100.0			
Cefoxitin	100.0			
Cefpodoxime	100.0			
Ceftiofur				100.0
Cephalothin	100.0			
Chloramphenicol	100.0			
Clindamycin	20.0	60.0	20.0	
Enrofloxacin	100.0			
Erythromycin	20.0	80.0		
Gentamicin	100.0			
Imipenem	100.0			
Marbofloxacin				100.0
Orbifloxacin				100.0
Oxacillin + 2% NaCl	80.0		20.0	
Penicillin			80.0	20.0
Rifampin	100.0			
Tetracycline	80.0		20.0	
Ticarcillin	100.0			
Ticarcillin / Clavulanic Acid	100.0			
Trimethoprim / Sulphamethoxazole	100.0			

**EQUINE: *Klebsiella pneumoniae***

TESTED: 11

	Interpretations (as%)			
	S	I	R	NI
Amikacin	100.0			
Amoxicillin / Clavulanic Acid	45.5		54.5	
Ampicillin				100.0
Cefazolin	45.5		54.5	
Cefoxitin	45.5		54.5	
Cefpodoxime	63.6		36.4	
Ceftiofur				100.0
Cephalothin	45.5		54.5	
Chloramphenicol	54.5		45.5	
Clindamycin				100.0
Enrofloxacin	90.9	9.1		
Erythromycin				100.0
Gentamicin	81.8		18.2	
Imipenem	100.0			
Marbofloxacin	100.0			
Orbifloxacin				100.0
Oxacillin + 2% NaCl				100.0
Penicillin				100.0
Rifampin				100.0
Tetracycline	45.5		54.5	
Ticarcillin				100.0
Ticarcillin / Clavulanic Acid	54.5	27.3	18.2	
Trimethoprim / Sulphamethoxazole	0.0		54.5	

**EQUINE: *Rhodococcus equi***

TESTED: 1

	Interpretations (as%)			
	S	I	R	NI
Amikacin	100.0			
Amoxicillin / Clavulanic Acid	100.0			
Ampicillin			100.0	
Cefazolin			100.0	
Cefoxitin	100.0			
Cefpodoxime			100.0	
Ceftiofur				100.0
Cephalothin			100.0	
Chloramphenicol	100.0			
Clindamycin		100.0		
Enrofloxacin		100.0		
Erythromycin	100.0			
Gentamicin	100.0			
Imipenem	100.0			
Marbofloxacin				100.0
Orbifloxacin				100.0
Oxacillin + 2% NaCl			100.0	
Penicillin			100.0	
Rifampin	100.0			
Tetracycline	100.0			
Ticarcillin		100.0		
Ticarcillin / Clavulanic Acid		100.0		
Trimethoprim / Sulphamethoxazole	100.0			

**EQUINE: *Salmonella* sp.**

TESTED: 6

	Interpretations (as%)			
	S	I	R	NI
Amikacin	100.0			
Amoxicillin / Clavulanic Acid	100.0			
Ampicillin	100.0			
Cefazolin	100.0			
Cefoxitin	100.0			
Cefpodoxime	100.0			
Ceftiofur				100.0
Cephalothin	83.3	16.7		
Chloramphenicol	100.0			
Clindamycin				100.0
Enrofloxacin	100.0			
Erythromycin				100.0
Gentamicin	100.0			
Imipenem	100.0			
Marbofloxacin	100.0			
Orbifloxacin				100.0
Oxacillin + 2% NaCl				100.0
Penicillin				100.0
Rifampin				100.0
Tetracycline	83.3		16.7	
Ticarcillin	100.0			
Ticarcillin / Clavulanic Acid	100.0			
Trimethoprim / Sulphamethoxazole	100.0			

S = Susceptible, I = Intermediate, R = Resistant, NI = No Interpretation. Interpretation based on expert rules from CLSI (formerly NCCLS).

\*If Tetracycline is susceptible, Doxycycline and Minocycline can be considered susceptible.

**Summary of Susceptibility Results**  
**Veterinary Diagnostic Laboratory, Kansas State University**  
 Date: 1/1/07 to 12/31/07

**EQUINE: *Streptococcus equi***

TESTED: 9

	Interpretations (as%)			
	S	I	R	NI
Amikacin	88.9	11.1		
Amoxicillin / Clavulanic Acid	100.0			
Ampicillin	100.0			
Cefazolin	100.0			
Cefoxitin	100.0			
Cefpodoxime	100.0			
Ceftiofur			100.0	
Cephalothin	100.0			
Chloramphenicol	88.9	11.1		
Clindamycin	100.0			
Enrofloxacin	33.3	11.1	55.6	
Erythromycin		100.0		
Gentamicin	100.0			
Imipenem	100.0			
Marbofloxacin	11.1	88.9		
Orbifloxacin			100.0	
Oxacillin + 2% NaCl	100.0			
Penicillin	100.0			
Rifampin	100.0			
Tetracycline	88.9	11.1		
Ticarcillin	100.0			
Ticarcillin / Clavulanic Acid	100.0			
Trimethoprim / Sulphamethoxazole	100.0			

**EQUINE: *Streptococcus equisimilis***

TESTED: 4

	Interpretations (as%)			
	S	I	R	NI
Amikacin	100.0			
Amoxicillin / Clavulanic Acid	100.0			
Ampicillin	100.0			
Cefazolin	100.0			
Cefoxitin	100.0			
Cefpodoxime	100.0			
Ceftiofur				100.0
Cephalothin	100.0			
Chloramphenicol	75.0	25.0		
Clindamycin	100.0			
Enrofloxacin	75.0	25.0		
Erythromycin		100.0		
Gentamicin	100.0			
Imipenem	100.0			
Marbofloxacin	100.0			
Orbifloxacin				100.0
Oxacillin + 2% NaCl	100.0			
Penicillin	100.0			
Rifampin	100.0			
Tetracycline	50.0		50.0	
Ticarcillin	100.0			
Ticarcillin / Clavulanic Acid	100.0			
Trimethoprim / Sulphamethoxazole	100.0			

**EQUINE: *Streptococcus zooepidemicus***

TESTED: 47

	Interpretations (as%)			
	S	I	R	NI
Amikacin	93.6	2.1	4.3	
Amoxicillin / Clavulanic Acid	100.0			
Ampicillin	100.0			
Cefazolin	100.0			
Cefoxitin	100.0			
Cefpodoxime	95.7	2.1	2.1	
Ceftiofur	89.4		10.6	
Cephalothin	97.9		2.1	
Chloramphenicol	97.9	2.1		
Clindamycin	100.0			
Enrofloxacin	38.3	59.6	2.1	
Erythromycin		97.9	2.1	
Gentamicin	93.6	4.3	2.1	
Imipenem	100.0			
Marbofloxacin	85.1	14.9		
Orbifloxacin				100.0
Oxacillin + 2% NaCl	100.0			
Penicillin	97.9	2.1		
Rifampin	100.0			
Tetracycline	76.6	8.5	14.9	
Ticarcillin	97.9	2.1		
Ticarcillin / Clavulanic Acid	100.0			
Trimethoprim / Sulphamethoxazole	100.0			

S = Susceptible, I = Intermediate, R = Resistant, NI = No Interpretation. Interpretation based on expert rules from CLSI (formerly NCCLS).

\*If Tetracycline is susceptible, Doxycycline and Minocycline can be considered susceptible.