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

CANINE: *Bordetella bronchiseptica*

TESTED: 11

	Interpretations (as%)			
	S	I	R	NI
Amikacin	100.0			
Amoxicillin / Clavulanic Acid	90.9	9.1		
Ampicillin		27.3	72.7	
Cefazolin			100.0	
Cefoxitin			100.0	
Cefpodoxime			100.0	
Ceftiofur				100.0
Cephalothin		36.4	63.6	
Chloramphenicol	81.8		18.2	
Clindamycin			100.0	
Enrofloxacin	81.8	9.1	9.1	
Erythromycin		81.8	18.2	
Gentamicin	81.8	9.1	9.1	
Imipenem	100.0			
Marbofloxacin				100.0
Orbifloxacin	90.9	9.1		
Oxacillin + 2% NaCl	36.4		63.6	
Penicillin			100.0	
Rifampin	63.6	27.3	9.1	
Tetracycine	90.9	9.1		
Ticarcillin	81.8	9.1	9.1	
Ticarcillin / Clavulanic Acid	90.9		9.1	
Trimethoprim / Sulphamethoxazole	81.8		18.2	

CANINE: *Escherichia coli,* hemolytic

TESTED: 64

	Interpretations (as%)			
	S	I	R	NI
Amikacin	100.0			
Amoxicillin / Clavulanic Acid	89.1	4.7	6.3	
Ampicillin	79.7		20.3	
Cefazolin	92.2		7.8	
Cefoxitin	92.2	1.6	6.3	
Cefpodoxime	93.8	1.6	4.7	
Ceftiofur	90.6	3.1	6.3	
Cephalothin	79.7	10.9	9.4	
Chloramphenicol	87.5	1.6	10.9	
Clindamycin			100.0	
Enrofloxacin	98.4		1.6	
Erythromycin			100.0	
Gentamicin	93.8		6.3	
Imipenem	100.0			
Marbofloxacin	98.4		1.6	
Orbifloxacin	96.9	1.6	1.6	
Oxacillin + 2% NaCl			100.0	
Penicillin			100.0	
Rifampin		10.9	89.1	
Tetracycine	87.5		12.5	
Ticarcillin	81.3		18.8	
Ticarcillin / Clavulanic Acid	89.1	7.8	3.1	
Trimethoprim / Sulphamethoxazole	92.2		7.8	

CANINE: *Escherichia coli* , non-hemolytic

TESTED: 109

	Interpretations (as%)			
	S	I	R	NI
Amikacin	100.0			
Amoxicillin / Clavulanic Acid	76.1	5.5	18.3	
Ampicillin	61.5		38.5	
Cefazolin	75.2	3.7	21.1	
Cefoxitin	83.5	0.9	15.6	
Cefpodoxime	80.7	0.9	18.3	
Ceftiofur	80.7	2.8	16.5	
Cephalothin	45.0	27.5	27.5	
Chloramphenicol	77.1	9.2	13.8	
Clindamycin			100.0	
Enrofloxacin	85.3		14.7	
Erythromycin			100.0	
Gentamicin	89.9		10.1	
Imipenem	100.0			
Marbofloxacin	85.3	0.9	13.8	
Orbifloxacin	84.4	0.9	14.7	
Oxacillin + 2% NaCl	0.9		99.1	
Penicillin			99.1	0.9
Rifampin	0.9	2.8	96.3	
Tetracycine	71.6	0.9	27.5	
Ticarcillin	63.3	3.7	33.0	
Ticarcillin / Clavulanic Acid	74.3	18.3	7.3	
Trimethoprim / Sulphamethoxazole	85.3		14.7	

CANINE: *Klebsiella pneumoniae*

TESTED: 21

	Interpretations (as%)			
	S	I	R	NI
Amikacin	100.0			
Amoxicillin / Clavulanic Acid	71.4		28.6	
Ampicillin			100.0	
Cefazolin	66.7		33.3	
Cefoxitin	76.2		23.8	
Cefpodoxime	85.7		14.3	
Ceftiofur	71.4	14.3	14.3	
Cephalothin	66.7		33.3	
Chloramphenicol	81.0		19.0	
Clindamycin			100.0	
Enrofloxacin	85.7		14.3	
Erythromycin			100.0	
Gentamicin	95.2		4.8	
Imipenem	100.0			
Marbofloxacin	85.7		14.3	
Orbifloxacin	81.0	4.8	14.3	
Oxacillin + 2% NaCl			100.0	
Penicillin			100.0	
Rifampin			100.0	
Tetracycine	71.4		28.6	
Ticarcillin			100.0	
Ticarcillin / Clavulanic Acid	81.0		19.0	
Trimethoprim / Sulphamethoxazole	81.0		19.0	

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

CANINE: *Pasteurella multocida*

TESTED: 41

	Interpretations (as%)			
	S	I	R	NI
Amikacin	97.6		2.4	
Amoxicillin / Clavulanic Acid	90.2		9.8	
Ampicillin	90.2		9.8	
Cefazolin	92.7		7.3	
Cefoxitin	92.7		7.3	
Cefpodoxime	90.2	2.4	7.3	
Ceftiofur				100.0
Cephalothin	95.1	2.4	2.4	
Chloramphenicol	95.1	2.4	2.4	
Clindamycin	36.6	31.7	31.7	
Enrofloxacin	90.2	2.4	7.3	
Erythromycin	70.7	22.0	7.3	
Gentamicin	95.1	2.4	2.4	
Imipenem	92.7		7.3	
Marbofloxacin				100.0
Orbifloxacin	90.2		9.8	
Oxacillin + 2% NaCl	85.4		14.6	
Penicillin	92.9	12.2	4.9	
Rifampin	95.1		4.9	
Tetracycine	90.2	7.3	2.4	
Ticarcillin	92.7	2.4	4.9	
Ticarcillin / Clavulanic Acid	92.7	4.9	2.4	
Trimethoprim / Sulphamethoxazole	90.2	4.9	4.9	

CANINE: *Pseudomonas aeruginosa*

TESTED: 81

	Interpretations (as%)			
	S	I	R	NI
Amikacin	93.8	2.5	3.7	
Amoxicillin / Clavulanic Acid			100.0	
Ampicillin	1.2		98.8	
Cefazolin	1.2		98.8	
Cefoxitin	1.2		98.8	
Cefpodoxime	1.2		98.8	
Ceftiofur				100.0
Cephalothin	1.2		98.8	
Chloramphenicol	2.5	6.2	91.4	
Clindamycin	2.5		97.5	
Enrofloxacin	46.9	29.6	23.5	
Erythromycin	1.2		98.8	
Gentamicin	91.4	3.7	4.9	
Imipenem	90.1	6.2	3.7	
Marbofloxacin				100.0
Orbifloxacin	22.2	48.1	29.6	
Oxacillin + 2% NaCl	6.2		93.8	
Penicillin			98.8	1.2
Rifampin	1.2		98.8	
Tetracycine			100.0	
Ticarcillin	96.3		3.7	
Ticarcillin / Clavulanic Acid	95.1		4.9	
Trimethoprim / Sulphamethoxazole	9.9		90.1	

CANINE: *Staphylococcus intermedius*

TESTED: 125

	Interpretations (as%)			
	S	I	R	NI
Amikacin	95.2		4.8	
Amoxicillin / Clavulanic Acid	94.4		5.6	
Ampicillin	79.2		20.8	
Cefazolin	94.4		5.6	
Cefoxitin	94.4		5.6	
Cefpodoxime	92.0	0.8	7.2	
Ceftiofur	88.8	4.8	6.4	
Cephalothin	94.4		5.6	
Chloramphenicol	92.8	2.4	4.8	
Clindamycin	76.0	4.0	20.0	
Enrofloxacin	92.0	3.2	4.8	
Erythromycin	77.6	1.6	20.8	
Gentamicin	92.0	3.2	4.8	
Imipenem	94.4		5.6	
Marbofloxacin	95.2	0.8	4.0	
Orbifloxacin	88.8	5.6	5.6	
Oxacillin + 2% NaCl	94.4		5.6	
Penicillin	55.2		44.8	
Rifampin	98.4	0.8	0.8	
Tetracycine	64.0	1.6	34.4	
Ticarcillin	94.4		5.6	
Ticarcillin / Clavulanic Acid	94.4		5.6	
Trimethoprim / Sulphamethoxazole	92.8		7.2	

CANINE: *Streptococcus canis*

TESTED: 59

	Interpretations (as%)			
	S	I	R	NI
Amikacin	100.0			
Amoxicillin / Clavulanic Acid	100.0			
Ampicillin	98.3	1.7		
Cefazolin	100.0			
Cefoxitin	100.0			
Cefpodoxime	100.0			
Ceftiofur				100.0
Cephalothin	100.0			
Chloramphenicol	100.0			
Clindamycin	94.9	1.7	3.4	
Enrofloxacin	57.6	37.3	5.1	
Erythromycin		93.2	6.8	
Gentamicin	100.0			
Imipenem	98.3		1.7	
Marbofloxacin	83.1	15.3	1.7	
Orbifloxacin	5.1	93.2	1.7	
Oxacillin + 2% NaCl	98.3		1.7	
Penicillin	98.3	1.7		
Rifampin	10.0			
Tetracycine	55.9	16.9	27.1	
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.