

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

PORCINE: *Actinobacillus pleuropneumoniae*

TESTED: 19

	Interpretations (as%)			
	S	I	R	NI
Ampicillin	89.5		10.5	
Ceftiofur	94.7		5.3	
Chlortetracycline	84.2		15.8	
Clindamycin	5.3	10.5	84.2	
Danofloxacin				100.0
Enrofloxacin	94.7		5.3	
Erythromycin	20.0		80.0	
Florfenicol	94.7		5.3	
Gentamicin	5.3	52.6	42.1	
Neomycin	5.3		94.7	
Oxytetracycline	47.4		52.6	
Penicillin	26.3	63.2	10.5	
Spectinomycin	15.8	42.1	42.1	
Sulphachloropyridazine	80.0		20.0	
Sulphadimethoxime	84.2		15.8	
Sulphathiazole	60.0		40.0	
Tiamulin	63.2		36.8	
Tilmicosin	84.2		15.8	
Trimethoprim / Sulphamethoxazole	26.3	73.7		
Tulathromycin				100.0
Tylosin Tartrate	5.3	5.3	89.5	

PORCINE: *Actinobacillus suis*

TESTED: 12

	Interpretations (as%)			
	S	I	R	NI
Ampicillin	100.0			
Ceftiofur				100.0
Chlortetracycline	91.7	8.3		
Clindamycin		16.7	83.3	
Danofloxacin				100.0
Enrofloxacin	100.0			
Erythromycin		100.0		
Florfenicol	100.0			
Gentamicin	100.0			
Neomycin	91.7		8.3	
Oxytetracycline	66.7		33.3	
Penicillin			91.7	8.3
Spectinomycin	8.3	91.7		
Sulphachloropyridazine	100.0			
Sulphadimethoxime	100.0			
Sulphathiazole		100.0		
Tiamulin	100.0			
Tilmicosin	100.0			
Trimethoprim / Sulphamethoxazole	100.0			
Tulathromycin				100.0
Tylosin Tartrate				100.0

PORCINE: *Bordetella bronchiseptica*

TESTED: 6

	Interpretations (as%)			
	S	I	R	NI
Ampicillin		66.7	33.3	
Ceftiofur				100.0
Chlortetracycline	100.0			
Clindamycin			100.0	
Danofloxacin				100.0
Enrofloxacin	100.0			
Erythromycin		100.0		
Florfenicol	100.0			
Gentamicin	100.0			
Neomycin	100.0			
Oxytetracycline	100.0			
Penicillin			100.0	
Spectinomycin			100.0	
Sulphachloropyridazine			100.0	
Sulphadimethoxime	16.7		83.3	
Sulphathiazole			100.0	
Tiamulin		83.3	16.7	
Tilmicosin	100.0			
Trimethoprim / Sulphamethoxazole	83.3		16.7	
Tulathromycin				100.0
Tylosin Tartrate				100.0

PORCINE: *Escherichia coli*, hemolytic

TESTED: 9

	Interpretations (as%)			
	S	I	R	NI
Ampicillin	44.4		55.6	
Ceftiofur				100.0
Chlortetracycline	11.1	22.2	66.7	
Clindamycin			100.0	
Danofloxacin				100.0
Enrofloxacin	100.0			
Erythromycin			100.0	
Florfenicol	33.3	44.4	22.2	
Gentamicin	55.6	22.2	22.2	
Neomycin	33.3		66.7	
Oxytetracycline	11.1		88.9	
Penicillin			100.0	
Spectinomycin		44.4	55.6	
Sulphachloropyridazine	50.0		50.0	
Sulphadimethoxime	22.2		77.8	
Sulphathiazole		50.0	50.0	
Tiamulin			100.0	
Tilmicosin			100.0	
Trimethoprim / Sulphamethoxazole	55.6		44.4	
Tulathromycin				100.0
Tylosin Tartrate				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
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PORCINE: *Escherichia coli*, non-hemolytic

TESTED: 6

	Interpretations (as%)			
	S	I	R	NI
Ampicillin	66.7		33.3	
Ceftiofur				100.0
Chlortetracycline	16.7		83.3	
Clindamycin			100.0	
Danofloxacin				100.0
Enrofloxacin	100.0			
Florfenicol	16.7	50.0	33.3	
Gentamicin	100.0			
Neomycin	66.7		33.3	
Oxytetracycline	16.7		83.3	
Penicillin			100.0	
Spectinomycin	16.7	66.7	16.7	
Sulphadimethoxime	50.0		50.0	
Tiamulin			100.0	
Tilmicosin			100.0	
Trimethoprim / Sulphamethoxazole	66.7		33.3	
Tulathromycin				100.0
Tylosin Tartrate				100.0

PORCINE: *Haemophilus parasuis*

TESTED: 10

	Interpretations (as%)			
	S	I	R	NI
Ampicillin	100.0			
Ceftiofur				100.0
Chlortetracycline	80.0	10.0	10.0	
Clindamycin	70.0	10.0	20.0	
Danofloxacin				100.0
Enrofloxacin	90.0	10.0		
Erythromycin	80.0	20.0		
Florfenicol	100.0			
Gentamicin	70.0	10.0	20.0	
Neomycin	20.0		80.0	
Oxytetracycline	90.0		10.0	
Penicillin			40.0	60.0
Spectinomycin	90.0		10.0	
Sulphachloropyridazine	100.0			
Sulphadimethoxime	70.0		30.0	
Sulphathiazole				100.0
Tiamulin	80.0	20.0		
Tilmicosin	80.0		20.0	
Trimethoprim / Sulphamethoxazole	100.0			
Tulathromycin				100.0
Tylosin Tartrate				100.0

PORCINE: *Pasteurella multocida*

TESTED: 45

	Interpretations (as%)			
	S	I	R	NI
Ampicillin	100.0			
Ceftiofur	100.0			
Chlortetracycline	100.0			
Clindamycin		2.2	97.8	
Danofloxacin				100.0
Enrofloxacin	100.0			
Erythromycin		100.0		
Florfenicol	100.0			
Gentamicin	97.8		2.2	
Neomycin	97.8		2.2	
Oxytetracycline	75.6	2.2	22.2	
Penicillin	95.6	4.4		
Spectinomycin	4.4	91.1	4.4	
Sulphachloropyridazine	58.3		41.7	
Sulphadimethoxime	68.9		31.1	
Sulphathiazole	33.3		66.7	
Tiamulin	42.2	46.7	11.1	
Tilmicosin	86.7	13.3		
Trimethoprim / Sulphamethoxazole	24.4	66.7	8.9	
Tulathromycin				100.0
Tylosin Tartrate	2.2	8.9	88.9	

PORCINE: *Salmonella* sp.

TESTED: 9

	Interpretations (as%)			
	S	I	R	NI
Ampicillin	66.7		33.3	
Ceftiofur				100.0
Chlortetracycline	33.3		66.7	
Clindamycin			100.0	
Danofloxacin				100.0
Enrofloxacin	100.0			
Florfenicol	11.1	66.7	22.2	
Gentamicin	88.9		11.1	
Neomycin	88.9		11.1	
Oxytetracycline	33.3		66.7	
Penicillin				100.0
Spectinomycin		55.6	44.4	
Sulphadimethoxime	11.1		88.9	
Tiamulin				100.0
Tilmicosin				100.0
Trimethoprim / Sulphamethoxazole	100.0			
Tulathromycin				100.0
Tylosin Tartrate				100.0

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Summary of Susceptibility Results
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 Date: 1/1/07 to 12/31/07

PORCINE: *Streptococcus suis***TESTED: 32**

	Interpretations (as%)			
	S	I	R	NI
Ampicillin	96.9		3.1	
Ceftiofur				100.0
Chlortetracycline	3.1	28.1	68.8	
Clindamycin	40.6		59.4	
Danofloxacin				100.0
Enrofloxacin	100.0			
Erythromycin	37.5		62.5	
Florfenicol	100.0			
Gentamicin	100.0			
Neomycin	84.4		15.6	
Oxytetracycline	3.1	12.5	84.4	
Penicillin	75.0	18.8	6.3	
Spectinomycin	50.0	34.4	15.6	
Sulphachloropyridazine	37.5		62.5	
Sulphadimethoxime	50.0		50.0	
Sulphathiazole		50.0	50.0	
Tiamulin	78.1	9.4	12.5	
Tilmicosin	43.8		56.3	
Trimethoprim / Sulphamethoxazole	96.9		3.1	
Tulathromycin				100.0
Tylosin Tartrate				100.0