

## Feline Antimicrobial Susceptibility Profiles

*Note: The information may be useful to understand susceptibility trends or as aid in making clinical decisions, but may not be accurate for specific disease situations.*

### Feline 2007 - 2008

# tested	B bron 8	E coli 55	E fael 7	E faem 4	Ente 5	K pneu 4	P aer 32	P mult 24	Pseu 9	S aur 5	S can 8	S int 16
Percent Susceptible***												
Amikacin	100%	100%	14%	0%	100%	100%	97%	100%	78%	100%	38%	100%
Amoxicillin / Clavulanic Acid	100%	87%	100%	50%	20%	75%	0%	100%	67%	100%	100%	69%
Ampicillin	13%	67%	100%	50%	0%	0%	0%	100%	44%	60%	88%	31%
Azithromycin	ND	ND	ND	0%	ND	ND	8%	ND	ND	ND	ND	100%
Carbenicillin	ND	ND	ND	0%	ND	ND	17%	ND	ND	ND	ND	0%
Cefazolin	0%	92%	0%	0%	ND	100%	0%	100%	0%	ND	100%	100%
Cefoxitin	0%	92%	0%	0%	ND	100%	0%	100%	0%	ND	100%	100%
Cefpodoxime	0%	100%	0%	0%	ND	100%	0%	100%	0%	ND	100%	100%
Ceftazidime	ND	ND	ND	0%	ND	ND	100%	ND	ND	ND	ND	100%
Ceftiofur	13%	93%	29%	0%	80%	100%	0%	100%	56%	100%	100%	69%
Cephalothin	25%	55%	0%	0%	20%	50%	0%	100%	33%	100%	100%	69%
Chloramphenicol	38%	24%	14%	25%	0%	25%	0%	13%	11%	0%	38%	13%
Ciprofloxacin	ND	ND	ND	0%	ND	ND	92%	ND	ND	ND	ND	100%
Clindamycin	0%	0%	0%	0%	0%	0%	0%	4%	11%	100%	38%	81%
Doxycycline	ND	ND	ND	50%	ND	ND	0%	ND	ND	ND	ND	100%
Enrofloxacin	100%	93%	0%	0%	60%	100%	28%	100%	89%	100%	75%	88%
Erythromycin	0%	0%	29%	25%	0%	0%	0%	50%	33%	100%	63%	69%
Gentamicin	100%	95%	71%	50%	80%	100%	91%	100%	78%	100%	50%	94%
Imipenem	100%	100%	100%	33%	ND	100%	82%	100%	0%	ND	100%	100%
Kanamycin	ND	ND	ND	50%	ND	ND	0%	ND	ND	ND	ND	0%
Marbofloxacin	0%	100%	0%	0%	ND	100%	0%	0%	0%	ND	67%	100%
Neomycin	100%	90%	33%	33%	100%	100%	44%	95%	63%	100%	0%	93%
Orbifloxacin	75%	95%	0%	0%	60%	100%	19%	100%	78%	100%	38%	88%
Ormetoprim / Sulfadimethoxine	0%	2%	0%	0%	0%	0%	4%	0%	0%	0%	0%	0%
Oxacillin****	ND	ND	ND	ND	ND	ND	ND	ND	ND	100%	ND	ND
Penicillin	0%	0%	100%	25%	0%	0%	0%	100%	33%	60%	100%	31%
Piperacillin	ND	ND	ND	0%	ND	ND	100%	ND	ND	ND	ND	0%
Polymixin B	ND	ND	ND	0%	ND	ND	100%	ND	ND	ND	ND	100%
Rifampin	67%	0%	0%	100%	ND	0%	0%	100%	0%	ND	100%	100%
Sulfachloropyridazine	80%	86%	17%	0%	60%	100%	7%	86%	75%	80%	80%	79%
Tetracycline	88%	87%	71%	25%	60%	75%	0%	100%	56%	100%	38%	56%
Ticarcillin	100%	92%	0%	0%	ND	0%	71%	100%	100%	ND	100%	67%
Ticarcillin / Clavulanic Acid	100%	100%	0%	0%	ND	100%	53%	100%	100%	ND	100%	67%
Tobramycin	ND	ND	ND	0%	ND	ND	100%	ND	ND	ND	ND	100%
Trimethoprim / Sulphamethoxazole	63%	91%	100%	75%	80%	100%	3%	100%	89%	100%	88%	81%

#### Key:

\* In vitro antimicrobial test results do not represent therapeutic recommendations from the VDL or personnel therein. Extra/Off label usage of an antimicrobial which is limited/prohibited for certain species may result in legal action by FDA-CVM

\*\* These are the only antimicrobials with valid breakpoints correlated with clinical outcome in species presented.

\*\*\* Percent of isolates with a susceptible value.

\*\*\*\* Methicillin resistant is represented by oxacillin.

ND Not done

B bron Bordetella bronchiseptica

E coli Escherichia coli

E fael Enterococcus faecalis

E faem Enterococcus faecium

Ente Enterobacter species

K pneu Klebsiella pneumoniae

P aer Pseudomonas aeruginosa

P mult Pasteurella multocida

Pseu Pseudomonas species

S aur Staphylococcus aureus

S can Streptococcus canis

S int Staphylococcus intermedius