

## URINE CULTURE ANTIMICROBIAL SUSCEPTIBILITY PROFILE

### OVERVIEW

The following is a profile of antimicrobial susceptibility testing results of commonly reported urine organisms submitted to MDS Metro Laboratory Services from January 1 to December 31, 2004. The results are presented as the percent susceptible for each drug/organism combination. The information in the antimicrobial susceptibility profile is to be used only as a guide, and we emphasize that culture and susceptibility testing are required for accurate determination of etiology and antimicrobial susceptibility. For further information contact a medical microbiologist at MDS Metro, phone (604) 431-5005.

ANTIBIOTIC	ORGANISM							
	EC	ENSP	KP	PR	SS	PSA	SA	KOX
Ampicillin	62%	99%	0%	81%				0%
Cephalothin	72%	0%	91%	89%			85%	79%
Ciprofloxacin	84%	61%	97%	91%	99%	63%	61%	98%
Gentamicin	94%		99%	93%		75%		99.8%
Nalidixic Acid								
Nitrofurantoin	98%	98%	44%	0%	99.8%		99%	80%
Norfloxacin	83%	73%	96%	96%	99%	68%	63%	98%
Tetracycline	71%	25%	85%	0%	92%	0%	85%	92%
Trimethoprim/ Sulfamethoxazole	77%		90%	81%	94%	0%	90%	93%
Ceftazidime						93%		
Tobramycin						84%		
Piperacillin						96%		

EC	Escherichia coli
ENSP	Enterococcus species
KP	Klebsiella pneumoniae
PR	Proteus species
SS	Staphylococcus saprophyticus
PSA	Pseudomonas aeruginosa
SA	Staphylococcus aureus
KOX	Klebsiella oxytoca