

Percentage of susceptible Organisms Isolated From Urine, Clinical Microbiology Laboratory, Vachiraphuket Hospital, January-December-2021

Organism	TOTAL ISOLATES	BETA - LACTAMS										CARBAPENEMS			QUINOLONES		AMINOGLYCOSIDES		GLYCOPEPTIDES	MISCELLANEOUS								
		PENICILLIN	AMPICILLIN	AMOXICILLIN/ CLAVULANIC ACID	AMPICILLIN / SULBACTAM	PIPERACILLIN / TAZOBACTAM	CEFOTAXIME	CEFTAZIDIME	CEFTRAXONE	CEFEPIME	OXACILLIN	ERTAPENEM	IMIPENEM	MEROPENEM	CIPROFLOXACIN	NORFLOXACIN	AMIKACIN	GENTAMICIN	VANCOMYCIN	FOSFOMYCIN	CLINDAMYCIN	ERYTHROMYCIN	NITROFURANTOIN	CHLORAMPHENICOL	CO-TRIMOXAZOLE	TETRACYCLINE		
<i>Acinetobacter baumannii</i> complex	39		R	R	25 (39)	15 (39)		12 (39)	3 (39)	14 (39)			R	15 (39)	18 (39)	18 (39)				R				R	71 (39)			
<i>Enterobacter cloacae</i> complex	27 ^a		R	R	R	67 (27)			44 (27)	63 (27)			85 (27)	93 (27)	93 (27)	52 (27)	69 (26)	100 (27)	74 (27)					68 (19)		50 (20)		
<i>Escherichia coli</i>	572		21 (572)	76 (572)		94 (572)			58 (572)	83 (572)			100 (572)	100 (572)	100 (572)	31 (535)	44 (572)	100 (572)	69 (572)		99 (572)			99 (427)		51 (518)		
<i>Klebsiella pneumoniae</i> complex	222		R	58 (222)		70 (221)			57 (222)	74 (222)			85 (222)	87 (222)	86 (222)	46 (222)	59 (205)	98 (222)	77 (222)					61 (153)		59 (212)		
<i>Morganella morganii</i>	11 ^a		R	R		91 (11)			73 (11)	91 (11)			100 (11)	25 (11)	100 (11)	64 (11)	91 (11)	100 (11)	67 (11)							50 (4)		
<i>Proteus mirabilis</i>	71		65 (71)	74 (71)		99 (71)			85 (71)	89 (71)			94 (71)	35 (71)	100 (71)	71 (66)	83 (71)	100 (71)	79 (71)				R			69 (64)	R	
<i>Pseudomonas aeruginosa</i>	59		R	R	R	63 (59)	R	65 (59)	R	75 (59)			R	79 (59)	72 (59)	83 (59)	81 (54)	97 (59)	83 (59)					R	R	R		
<i>Enterococcus faecalis</i>	107		99 (107)				R	R	R							48 (107)	45 (98)	R	R					100 (107)	98 (107)	R	99 (73)	R
<i>Enterococcus faecium</i>	58		0 (56)				R	R	R							0 (54)	2 (53)	R	R					93 (58)		R	11 (37)	R
All <i>Enterococcus</i> spp.	167		65 (167)													33 (161)	31 (155)							96 (167)		69 (113)		
<i>Staphylococcus aureus</i>	26 ^a												84 ^f (26)			96 (26)	92 (26)			96 (26)						100 (26)		
(MRSA)	4 ^a												0 (4)			75 (4)	33 (4)			75 (4)						100 (4)		
(MSSA)	22 ^a												100 (22)			100 (22)	100 (22)			100 (22)						100 (22)		
<i>Streptococcus agalactiae</i>	8 ^a	100 (8)																								100 (8)		

^a : Calculated from fewer than the standard recommendation of 30 isolates

^b : Blood, Pleural Fluid, CSF

^c : Sputum, Ear, Sinus

^d : Interpret according to oxacillin susceptibility test

^e : MIC Interpretive Criteria

^f : Interpret according to ceftiofloxacin susceptibility test

^u : Urine, Urine Catheter, Urine Clean- Voided

R : Intrinsic resistance

^h : High-Level Aminoglycoside ;Susceptible: is synergistic with cell wall-active agent (eg. ampicillin, penicillin and vancomycin).

