

Percentage of susceptible Organisms Isolated From Blood, Clinical Microbiology Laboratory, Vachiraphuket Hospital, January-December-2023 (1/2)

Organism	TOTAL ISOLATES	BETA - LACTAMS									CARBAPENEMS			POLYMYXIN	QUINOLONES		AMINOGLYCOSIDES			GLYCOPEPTIDES		MISCELLANEOUS			
		PENICILLIN BY MIC	AMPICILLIN	AMOXICILLIN/CLAVULANIC ACID	AMPICILLIN / SULBACTAM	CEFOTAXIME	CEFTAZIDIME	CEFTRIAZONE	CEFEPIME	OXACILLIN ^f	EERTAPENEM	IMIPENEM	MEROPENEM	COLISTIN ^s	CIPROFLOXACIN	LEVOFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg ^h	VANCOMYCIN	CLINDAMYCIN	ERYTHROMYCIN	CO-TRIMOXAZOLE	TETRACYCLINE	
<i>Acinetobacter baumannii</i> complex	119	R	R	30 (119)		29 (119)	19 (119)	30 (119)		R	32 (119)	32 (119)	96 (106)	32 (119)		46 (119)									
<i>Burkholderia pseudomallei</i>	17 ^a					100 (17)					100 (17)												100 (11)		
<i>Enterobacter cloacae</i>	15 ^a	R	R	R		67 (15)	60 (15)	87 (15)		93 (15)	93 (15)	94 (15)		67 (15)		100 (15)	87 (15)						87 (15)		
<i>Escherichia coli</i>	348			79 (348)		71 (348)	67 (348)	76 (348)		99 (348)	99 (348)	99 (348)		32 (348)		98 (348)	79 (348)						53 (348)		
<i>Klebsiella pneumoniae</i>	163	R		78 (163)		65 (163)	64 (163)	75 (163)		90 (163)	90 (163)	90 (163)		57 (163)		94 (163)	91 (163)						77 (163)		
<i>Proteus mirabilis</i>	26 ^a			73 (26)		92 (26)	88 (26)	92 (26)		100 (26)	38 (26)	96 (26)		68 (26)		100 (26)	85 (26)							R	
<i>Pseudomonas aeruginosa</i>	63	R	R	R	R	83 (63)	R	81 (63)		R	79 (63)	77 (63)	98 (46)	83 (63)		97 (63)							R	R	
<i>Salmonella</i> spp.	36		67 (36)				100 (36)							70 (36)									100 (36)		
<i>Stenotrophomonas maltophilia</i>	28	R	R					R		R	R				100 (28)	R	R						96 (28)		
<i>Enterococcus faecalis</i>	24 ^a		100 (24)			R	R	R	R					78 (24)		R	R		100 (24)	R	8 (24)	R			
<i>Enterococcus faecium</i>	20 ^a		20 (20)			R	R	R	R					20 (20)		R	R		95 (20)	R	0 (20)	R			
<i>Enterococcus</i> spp.	5		25 (5)											75 (5)					80 (5)		25 (5)				
<i>Kocuria</i> spp.	61	41 (61)																	100 (61)	45 (61)	43 (61)				
<i>Micrococcus luteus</i>	35	94 (35)																	100 (35)	64 (35)	92 (35)				
<i>Staphylococcus aureus</i> (all isolates)	112								85 (112)					87 (112)			91 (112)		100 (112)	86 (112)	78 (112)	96 (112)			
(MRSA)	19 ^a								0 (19)					42 (19)			84 (19)		100 (19)	47 (19)	21 (19)	89 (19)			
(MSSA)	93								100 (93)					96 (93)			92 (93)		100 (93)	95 (93)	89 (93)	98 (93)			

Gram negative

Gram positive

Percentage of susceptible Organisms Isolated From Blood, Clinical microbiology Laboratory, Vachiraphuket Hospital, January-December-2022 (2/2)

Organism	TOTAL ISOLATES	BETA - LACTAMS								CARBAPENEMS			POLYMYXIN	QUINOLONES		AMINOGLYCOSIDES			GLYCOPEPTIDES	MISCELLANEOUS			
		PENICILLIN BY MIC	AMPICILLIN	AMOXICILLIN/CLAVULANIC ACID	AMPICILLIN / SULBACTAM	CEFOTAXIME	CEFTAZIDIME	CEFTRIAXONE	CEFEPIME	OXACILLIN ^f	ERTAPENEM	IMIPENEM	MEROPENEM	COLISTIN ^g	CIPROFLOXACIN	LEVOFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg ^h	VANCOMYCIN	CLINDAMYCIN	ERYTHROMYCIN	CO-TRIMOXAZOLE
<i>Staphylococcus</i> , coagulase negative (all isolates)	951								38 (951)					57 (951)			75 (951)		100 (951)	45 (951)	38 (951)	80 (951)	
(MRCNS)	567								0 (567)					29 (567)			59 (567)		100 (567)	20 (567)	14 (567)	70 (567)	
(MSCNS)	384							100 (384)						98 (384)			99 (384)		100 (384)	82 (384)	73 (384)	95 (384)	
<i>Streptococcus agalactiae</i>	29 ^a	100 (29)																					
<i>Streptococcus pneumoniae</i>	33	100 (33)						100 (33)															
<i>Streptococcus pyogenes</i>	25 ^a	100 (25)																					
<i>Streptococcus</i> , beta-haem. not Group A,B,D	30	100 (30)																					
<i>Streptococcus</i> spp. Viridans Group	75	82 (75)	91 (75)					95 (75)															

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

^b : Blood, Pleural Fluid, CSF

^c : Sputum, Ear, Sinus

^d : BY MIC (E-test)

^e : MIC Interpretive Criteria

^f : Interpret according to oxacillin MICs susceptibility test

^g : COLISTIN คำนวณจาก Intermediate COLISTIN BY MIC (Microbroth dilution method)

^h : High-Level Aminoglycoside ;Susceptible: is synergistic with cell wall-active

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

R : Intrinsic resistance

