

Percentage of susceptible Organisms Isolated From Blood, 6 hospitals, Jan - Dec 2024 , เขตสุขภาพที่ 13

Organism	TOTAL ISOLATES	BETA - LACTAMS										CARBAPENEMS			POLY MYXINS	QUINOLONES	AMINOGLYCOSIDES	GLYCOPEPTIDES	MISCELLANEOUS													
		PENICILLIN	PENICILLIN BY MIC	AMPCILLIN	AMOXICILLIN/CLAVULANIC ACID	AMPCILLIN / SULBACTAM	PIPERACILLIN / TAZOBACTAM	CEFZOLIN	CEFUROXIME SODIUM (parenteral)	CEFOPERAZONE / SULBACTAM ^a	CEFOTAXIME	CEFTAZIDIME	CEFTRIAXONE	CEFEPIME	OXAICILLIN	CEFOXITIN	ERTAPENEM	IMPENEM	MEROPENEM	COLISTIN BY MIC	CIPROFLOXACIN	LEVOFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg	VANCOMYCIN	TEICoplanin	CLINDAMYCIN	ERYTHROMYCIN	CHLORAMPHENICOL	CO-TRIMOXAZOLE	TETRACYCLINE
<i>Acinetobacter calcoaceticus-baumannii</i> complex	272			R	R	25.6 (129)	25.7 (269)			13.1 (222)	27.2 (268)	19.6 (148)	28.9 (235)			R	27.2 (268)	27.1 (269)	97.1 (140)	24.9 (269)	27.0 (165)	37.1 (267)	33.8 (263)							R	28.8 (267)	
<i>Acinetobacter</i> spp.	34					94.1 (34)				67.7 (31)	78.8 (33)						91.2 (34)	91.2 (34)		87.9 (33)		94.1 (34)	94.1 (34)								67.6 (34)	
<i>Aeromonas hydrophila</i>	6																															
<i>Burkholderia pseudomallei</i>	2																															
<i>Enterobacter cloacae</i>	87			R	R	R	75.9 (87)		R	R		72.9 (70)	78.8 (85)	72.2 (74)	89.2		R	93.0 (86)	90.7 (86)	94.2 (86)	67.9 (56)	73.6 (87)	86.7 (75)	40.0 (85)	85.1 (87)						80.2 (86)	
<i>Enterobacter</i> spp.	18																															
<i>Escherichia coli</i>	961			16.9 (753)	78.1 (961)	47.3 (275)	83.4 (960)		54.2 (251)	90.2 (295)	58.0 (714)	74.4 (914)	60.1 (714)	68.2 (833)		87.8 (609)	96.0 (922)	98.4 (929)	96.5 (930)	96.7 (455)	46.7 (960)	47.7 (711)	54.1 (930)	70.7 (952)							51.5 (960)	
<i>Klebsiella pneumoniae</i>	487			R	67.7 (486)	55.7 (167)	57.6 (486)		61.1 (85)	72.6 (106)	59.7 (365)	63.9 (477)	63.3 (392)	66.4 (425)		75.6 (303)	79.5 (479)	84.3 (479)	83.3 (480)	96.6 (265)	53.5 (486)	64.9 (388)	43.2 (477)	77.4 (483)							63.5 (485)	
<i>Klebsiella</i> spp.	19																															
<i>Morganella morganii</i>	16			R	R				R	R										R												
<i>Proteus mirabilis</i>	100			49.4 (77)	89.0 (100)		96.0 (100)				83.3 (72)	97.9 (94)	85.7 (77)	91.6 (83)		98.2 (57)	100.0 (97)	87.6 (97)	98.0 (98)	R	57.0 (100)	63.6 (77)	38.8 (97)	73.5 (98)							54.0 (100)	
<i>Pseudomonas aeruginosa</i>	149			R	R	R	80.4 (148)				R	85.1 (148)	R	85.7 (126)		R	83.3 (144)	81.9 (144)	98.8 (80)	82.3 (147)	79.6 (113)										R	
<i>Salmonella</i> , Typhoidal	2																															
<i>Salmonella</i> spp.	88				73.6 (87)						87.0 (69)	92.4 (86)	91.0 (87)								54.7 (86)	55.6* (54)									95.5 (88)	
<i>Enterococcus faecalis</i>	81			92.9 (96)	97.5 (79)				R	R	R	R	R	R								R	R	- ^h	100.0 (81)	100.0 (64)	R	11.4 (70)		R		
<i>Enterococcus faecium</i>	54			5.4 (37)	3.7 (54)				R	R	R	R	R	R								R	R	- ^h	83.3 (54)	86.0 (43)	R	0.0 (45)		R		
<i>Enterococcus</i> spp.	20																							- ^h								
<i>Staphylococcus aureus</i> (all isolates)	333			21.2 (236)											79.3 ^f (333)						84.1 (320)	85.7 (182)		95.3 (319)	100.0* (236)	100.0* (182)	89.1 (322)	86.0 (182)	92.9 (182)	97.5 (315)	71.7 (240)	
(MRSA)	74														0.0 ^f (74)						50.7 (71)			88.6 (70)	-	-	66.2 (71)	59.2 (71)		93.0 (71)	77.3 (66)	
(MSSA)	277			23.8 (210)											100.0 ^f (277)						93.2 (268)	95.0 (160)		97.0 (268)	100.0* (210)	100.0* (160)	95.5 (268)	93.7 (268)	95.6 (160)	96.5 (261)	70.7 (191)	
<i>Staphylococcus</i> , coagulase negative	711			16.7 (329)											30.4 ^f (711)						50.4 (677)	58.7 (155)		70.5 (677)	100.0* (331)	95.6* (137)	45.5 (681)	36.8 (685)	92.3 (155)	75.2 (658)	72.6 (614)	
(MRCNS)	499			0.0 (223)											0.0 ^f (499)						30.9 (472)	42.1 (107)		59.7 (474)	100.0* (224)	93.7* (95)	30.4 (477)	20.5 (479)	88.8 (107)	69.2 (461)	70.6 (428)	
(MSCNS)	222			49.5 (111)											100.0 ^f (222)						93.4 (212)	90.7 (54)		93.8 (210)	100.0* (112)	97.9* (47)	79.1 (211)	72.6 (212)	100.0 (54)	88.7 (203)	78.4 (190)	
<i>Streptococcus agalactiae</i>	93			100.0 (93)							100.0 (61)	98.6 (70)	97.5 (40)												100.0 (71)			81.7 (71)	74.6 (71)	98.1 (53)		
<i>Streptococcus</i> , β-hemolytic not Group A,B,D	72			95.2 (42)							98.2 (55)	96.2 (52)	87.2 (39)												98.3 (61)		96.7 (60)	86.7 (59)	72.9 (59)	95.2 (42)		
<i>Streptococcus pneumoniae</i>	53			52.6 (38)																					100.0 (45)		98.0 (51)	70.8 (48)	48.1 (52)	84.2 (38)	59.6 (47)	
<i>Streptococcus pyogenes</i>	27																															
<i>Streptococcus</i> spp. Viridans Group	82			68.4 (57)							95.8 (71)	95.3 (64)	90.7 (54)												97.4 (81)		98.8 (81)	82.5 (80)	74.1 (81)	93.0 (57)		
<i>Streptococcus suis</i>	22																															

^a : No CLSI Interpretive Criteria. Interpret according to cefoperazone/sulbactam in *Enterobacteriaceae*

^d : Interpret according to oxacillin susceptibility test

^e : MIC Interpretive Criteria

^f : Interpret according to cefoxitin susceptibility test

*N <30 isolates tested. The result is not significant as per CLSI guidelines

* ข้อมูลจากวิธีทดสอบ disk diffusion ตาม MIC มาตรฐาน

* COLISTIN ควบคุม Intermediate

^h : High-Level Aminoglycoside

R : Intrinsic resistance

