Percentage of susceptible Organisms Isolated From Blood, โรงพยาบาลราชบุรี, มกราคม - ธันวาคม 2022

	Organism	TOTAL ISOLATES	BETA - LACTAMS														CARBAPENEMS			POLY MYXINS	QUINOLONES		AMINOGLYCOSIDES			GLYCOPEPTIDES		MISCELLANEOUS				
			PENICILLIN	PENICILLIN BY MIC	AMPICILLIN	AMOXICILLIN/CLAVULANIC ACID	AMPICILLIN / SULBACTAM	PIPERACILLIN / TAZOBACTAM	CEFAZOLIN (A)	CEFUROXIME SODIUM (parenteral)	CEFOPERAZONE / SULBACTAM [a]	CEFOTAXIME	CEFTAZIDIME	CEFTRIAXONE	CEFEPIME	OXACILLIN	CEFOXITIN	ERTAPENEM	IMIPENEM	MEROPENEM	COLISTIN BY MIC	CIPROFLOXACIN	LEVOFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg	VANCOMYCIN	TEICOPLANIN	CLINDAMYCIN	ERYTHROMYCIN	CHLORAMPHENICOL	CO-TRIMOXAZOLE	TETRACYCLINE
Gram negative	*Acinetobacter calcoaceticus-baumannii* **complex**	139			R	R	21.0 (138)	20.9 (139)				17.4 (138)	25.2 (139)	18.7 (139)	20.3 (138)			R	21.6 (139)	21.6 (139)	100 (138)	25.2 (139)	28.3 (138)	45.3 (139)	33.1 (139)						R	30.2 (139)	
	Acinetobacter **spp.**	33					81.8 (33)	72.7 (33)				45.5 (33)	54.5 (33)	51.5 (33)	63.6 (33)				60.6 (33)	54.5 (33)		84.8 (33)	87.9 (33)	100 (33)	87.9 (33)							63.6 (33)	
	Aeromonas hydrophila	10						90.0 (10)		80.0 (10)		60.0 (10)	80.0 (10)	80.0 (10)	80.0 (10)		0.0 (10)	90.0 (10)	90.0 (10)	100 (10)		90.0 (10)	100 (10)	100 (10)	80.0 (10)						100 (1)	70.0 (10)	100 (1)
	Enterobacter cloacae	15			R	R	R	78.6 (14)	R	R	-	14.3 (14)	21.4 (14)	14.3 (14)	21.4 (14)		R	92.9 (14)	92.9 (14)	92.9 (14)	85.7 (14)	28.6 (14)	57.1 (14)	100 (14)	28.6 (14)						-	35.7 (14)	-
	Enterobacter **spp.**	7			0.0 (7)	0.0 (7)	28.6 (7)	85.7 (7)	0.0 (4)	-	-	57.1 (7)	57.1 (7)	57.1 (7)	85.7 (7)		0.0 (7)	85.7 (7)	100 (7)	100 (7)		71.4 (7)	85.7 (7)	100 (7)	85.7 (7)						-	71.4 (7)	-
	Escherichia coli	341			16.0 (332)	78.9 (332)	77.0 (331)	90.7 (332)	53.1 (81)	-	-	56.0 (332)	72.3 (332)	59.0 (332)	67.8 (332)		84.3 (332)	93.1 (332)	94.0 (332)	93.7 (332)	99.4 (332)	39.8 (332)	42.8 (332)	99.4 (332)	71.4 (332)						-	45.3 (331)	-
	Klebsiella pneumoniae	149			R	75.3 (146)	69.9 (146)	79.5 (146)	63.2 (38)	-	-	65.1 (146)	67.8 (146)	65.1 (146)	69.9 (146)		80.1 (146)	82.9 (146)	87.7 (146)	86.3 (146)	97.3 (146)	61.0 (146)	67.1 (146)	93.8 (146)	84.2 (146)						-	67.1 (146)	-
	Klebsiella **spp.**	9			0.0 (9)	88.9 (9)	88.9 (9)	100 (9)	50.0 (2)	-	-	100 (9)	100 (9)	100 (9)	100 (9)		88.9 (9)	100 (9)	100 (9)	100 (9)	100 (9)	100 (9)	100 (9)	100 (9)	100 (9)						-	100 (9)	-
	Morganella morganii	7			R	R	100 (7)	100 (7)	R	R	-	85.7 (7)	100 (7)	100 (7)	100 (7)		100 (7)	100 (7)	100 (7)	100 (7)	R	71.4 (7)	71.4 (7)	100 (7)	71.4 (7)						-	71.4 (7)	-
	Proteus mirabilis	25			54.2 (24)	100 (24)	95.8 (24)	100 (24)	0.0 (2)	-	-	87.5 (24)	95.8 (24)	87.5 (24)	95.8 (24)		100 (24)	100 (24)	95.8 (24)	100 (24)	R	54.2 (24)	54.2 (24)	100 (24)	66.7 (24)						-	54.2 (24)	R
	Pseudomonas aeruginosa	63			R	R	R	79.4 (63)				R	76.2 (63)	R	77.8 (63)			R	76.2 (63)	77.8 (63)	100 (63)	79.4 (63)	77.8 (63)	87.3 (63)	81.0 (63)						R	R	R
	Salmonella, Typhoidal				-						-	-	-	-								-	- [e]							-	-	
	Salmonella **spp.**	44			68.2 (44)						-	84.1 (44)	84.1 (44)	84.1 (44)								54.5 (44)	56.8 [*] (44)							-	93.2 (44)	
Gram positive	*Enterococcus faecalis*	37	-	89.2 (37)	100 (37)				R	R	R	R	R	R	R									R	R	- [h]	100 (37)	97.3 (37)	R	8.1 (37)		R	
	Enterococcus faecium	45	-	4.4 (45)	0.0 (45)				R	R	R	R	R	R	R									R	R	- [h]	42.2 (45)	62.2 (45)	R	0.0 (45)		R	
	Enterococcus **spp.**	7	-	100 (5)	100 (7)																					- [h]	57.1 (7)	80.0 (5)		40.0 (5)			
	Staphylococcus aureus **(all isolates)**	124	-	11.6 (112)												89.3 [f] (112)						89.3 (112)	92.0 (112)		92.9 (112)		100 [*] (112)	100 [*] (112)	88.4 (112)	87.5 (112)	88.4 (112)	95.5 (112)	56.3 (112)
	(MRSA)	15	-	0.0 (15)												0.0 [f] (15)						53.3 (15)	53.3 (15)		73.3 (15)		100 [*] (15)	100 [*] (15)	40.0 (15)	46.7 (15)	40.0 (15)	80.0 (15)	33.3 (15)
	(MSSA)	112	-	15.2 (112)												100 [f] (112)						95.5 (112)	98.2 (112)		96.4 (112)		100 [*] (112)	100 [*] (112)	95.5 (112)	94.6 (112)	93.8 (112)	98.2 (112)	59.8 (112)
	Staphylococcus, **coagulase negative**	633	100 (1)	4.0 (622)												18.8 [f] (623)						50.2 (622)	51.3 (622)		64.8 (623)		100 [*] (622)	96.9 [*] (622)	43.5 (620)	29.9 (623)	87.3 (622)	61.6 (623)	57.9 (622)
	(MRCNS)	514	-	0.0 (514)												0.0 [f] (514)						39.5 (514)	40.7 (514)		57.0 (514)		100 [*] (514)	96.9 [*] (514)	33.0 (512)	19.8 (514)	85.6 (514)	54.5 (514)	57.6 (514)
	(MSCNS)	120	100 (1)	21.8 (119)												100 [f] (120)						98.3 (119)	99.2 (119)		99.2 (120)		100 [*] (119)	96.6 [*] (119)	90.8 (119)	74.2 (120)	95.0 (119)	93.3 (120)	57.1 (119)
	Streptococcus agalactiae	26	-	100 (24)	-							100 (24)		100 (26)	96.2 (26)								95.8 (24)				100 (26)		80.0 (25)	76.9 (26)	96.2 (26)		
	Streptococcus, **β-hemolytic not Group A,B,D**	25	-	100 (17)	-							100 (17)		100 (24)	100 (25)								100 (17)				100 (25)		73.7 (19)	44.0 (25)	88.0 (25)		
	Streptococcus pneumoniae	5	- [d]	80.0 (5)						- [e]													100 (5)				100 (5)		80.0 (5)	80.0 (5)	80.0 (5)	80.0 (5)	60.0 (5)
	Streptococcus pyogenes	61	-	100 (59)	-							98.3 (59)		100 (60)	82.0 (61)								94.9 (59)				100 (61)		100 (59)	90.2 (61)	100 (61)		
	Streptococcuss **spp. Viridans Group**	27		29.4 [i] (17)	- [e]							88.2 (17)		88.5 (26)	85.2 (27)								94.1 (17)				100 (27)		68.4 (19)	55.6 (27)	92.6 (27)		29.4 (17)

[a]: No CLSI Interpretive Criteria. Interprete according to cefoperazone/sulbactam in **Enterobacteriacae**

[d]: Interprete according to oxacillin susceptibility test

[e]: MIC Interpretive Criteria

[f]: Interprete according to cefoxitin susceptibility test

[h]: High-Level Aminoglycoside

[i]: MIC Interpretive Criteria, For the 20% nonsusceptible, 15% were intermediate (MIC 0.25 to 2 µg/mL) and 5% were resistant (MIC ≥ 4 µg/mL) to penicillin.

R : Intrinsic resistance

%S ≥90 80-89 70-79 50-69 < 50

* ข้อมูลความไวจากวิธี disk diffusion และ MIC รวมกัน

* COLISTIN คำนวณจาก Intermediate