

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

Organism	TOTAL ISOLATES	BETA - LACTAMS																CARBAPENEMS				POLY MYRINS	QUINOLONES			AMINOGLYCOSIDES		GLYCOPETIDES		MISCELLANEOUS						
		PENICILLIN	PENICILLIN BY MIC	AMPCILLIN	AMOXICILLIN/ CLAVULANIC ACID	AMPCILLIN / SULBACTAM	PIPERACILLIN / TAZOBACTAM	CEFAZOLIN (A)	CEFAZOLIN (U)	CEFURXIME SODIUM (parenteral)	CEFUOXIME SODIUM (Oral)	CEFOPRAXONE / SULBACTAM	CEFOTAXIME	CEFTAZIDIME	CEFTIRAXONE	CEFEPIME	Oxacillin	CEFOXITIN	ERTAPENEM	IMIPENEM	MEROPENEM		COLISTIN BY MIC	CIPROFLOXACIN	LEVOFLOXACIN	NORFLOXACIN (U)	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg	VANCOMYCIN	TEICOPILAMIN	FOSECOMYCIN	CLINDAMYCIN	ERYTHROMYCIN	NITROFRANTON (U)	CHLORAMPHENICOL
<i>Acinetobacter calcoaceticus-baumannii</i> complex	812		R	R	16.5 (810)	16.4 (812)						13.7 (811)	20.4 (812)	16.4 (812)	17.3 (811)			R	16.9 (812)	16.7 (812)	99.6 (811)	18.7 (812)	23.8 (811)			42.3 (810)	29.1 (811)					R			31.7 (812)	29.1
(ICU)	94		R	R	9.6 (94)	9.6 (94)						5.3 (94)	11.7 (94)	7.4 (94)	9.6 (94)			R	9.6 (94)	9.6 (94)	100.0 (94)	9.6 (94)	13.8 (94)			31.9 (94)	19.1 (94)					R			26.6 (94)	19.1
(inpatient)	690		R	R	16.6 (688)	16.2 (690)						13.9 (688)	20.6 (690)	16.2 (690)	17.3 (689)			R	17.0 (690)	16.7 (690)	100.0 (689)	19.4 (689)	24.4 (689)			43.3 (688)	29.6 (689)					R			31.9 (690)	29.6
(outpatient)	38		R	R	21.1 (38)	23.7 (38)						15.8 (38)	26.3 (38)	23.7 (38)	23.7 (38)			R	23.7 (38)	23.7 (38)	92.1 (38)	15.8 (38)	21.1 (38)			44.7 (38)	34.2 (38)					R			39.5 (38)	34.2
<i>Acinetobacter</i> spp.	80				81.0 (79)	72.5 (80)						51.3 (80)	60.0 (80)	56.3 (80)	68.8 (80)				66.3 (80)	63.8 (80)		76.3 (80)	63.8 (80)			95.0 (80)	91.3 (80)							67.1 (79)	91.3	
<i>Aeromonas hydrophila</i>	35										67.6 (34)	60.0 (35)	82.9 (35)	62.9 (35)	85.7 (35)		11.4 (35)	91.4 (35)	94.3 (35)	100 (35)		88.6 (35)	91.4 (35)			100 (35)	88.6 (35)							100 (7)	88.6	
<i>Burkholderia cepacia</i> complex	13		R	R	R								84.6 (13)					R		69.2 (13)	R	76.9 ^a (13)												100 (13)		
<i>Burkholderia mallei</i>																																				
<i>Burkholderia pseudomallei</i>	14				100 (14)								100 (14)																						92.9 ^a (14)	
<i>Citrobacter freundii</i>	32		R	R	R	81.3 (32)	R	R	R	R		65.6 (32)	75.0 (32)	68.8 (32)	84.4 (32)			R	93.8 (32)	93.8 (32)	96.9 (32)	55.6 (32)	68.8 (32)			100 (32)	84.4 (32)								78.1 (32)	
<i>Enterobacter cloacae</i>	177		R	R	R	85.8 (176)	R	R				61.9 (176)	65.9 (176)	64.8 (176)	72.2 (176)			R	89.8 (176)	95.5 (176)	95.5 (176)	88.1 (176)	60.2 (176)	73.9 (176)			99.4 (176)	77.3 (176)						100 (1)	77.3	
<i>Enterobacter</i> spp.	56		1.8 (56)	0.0 (56)	16.4 (55)	94.6 (56)	0.0 (21)	0.0 (3)		0.0 (56)		80.4 (56)	85.7 (56)	82.1 (56)	94.6 (56)		1.8 (56)	98.2 (56)	100 (56)	100 (56)		55.7 (56)	91.1 (56)			100 (56)	94.6 (56)							89.3 (56)		
<i>Escherichia coli</i> (all isolates)	1710		14.9 (1702)	77.6 (1700)	73.7 (1701)	91.1 (1703)	43.1 (204)	39.3 (275)		0.0 (1700)		53.6 (1702)	69.3 (1704)	55.1 (1702)	64.2 (1703)		82.2 (1703)	94.3 (1704)	94.7 (1704)	94.8 (1702)	99.2 (1703)	36.1 (1702)	40.3 (1702)			99.4 (1704)	67.6 (1701)						97.8 (942)	45.6 (1699)		
(Urine-inpatient)	740		15.8 (739)	72.5 (738)	69.6 (738)	86.4 (740)	39.9 (188)	0.0 (188)		0.0 (739)		50.4 (740)	67.0 (740)	51.6 (740)	59.9 (740)		77.3 (739)	90.8 (740)	91.6 (740)	91.8 (740)	99.3 (740)	29.7 (740)	35.0 (740)			99.1 (740)	67.3 (738)							97.0 (643)	42.5 (736)	
(Urine-outpatient)	199		13.6 (199)	77.4 (199)	71.9 (199)	93.0 (199)	41.7 (48)	0.0 (199)		0.0 (199)		58.8 (199)	71.4 (199)	59.3 (199)	67.3 (199)		84.4 (199)	95.5 (199)	96.0 (199)	98.5 (199)	98.5 (199)	29.1 (199)	32.2 (199)			100 (199)	66.7 (198)							97.8 (183)	45.2 (199)	
<i>Haemophilus influenzae</i> (all isolates)	10		50.0 (10)		80.0 (10)			90.0 (10)												100 (9)		100 (10)												70.0 (10)	50.0 (10)	
(age 0-5 years old)	2		100 (2)		100 (2)			100 (2)												100 (2)		100 (2)												100 (2)	100 (2)	
(age > 5 years old)	8		37.5 (8)		75.0 (8)			87.5 (8)												100 (7)		100 (8)												62.5 (8)	37.5 (8)	
(CSF)																																				
(Sterile sites) ^b	1		100 (1)		100 (1)			100 (1)													100 (1)													100 (1)	100 (1)	
(Non-sterile sites) ^c	9		44.4 (9)		77.8 (9)			88.9 (9)														100 (9)													66.7 (9)	44.4 (9)
<i>Klebsiella aerogenes</i>	33		R	R	R	78.8 (33)	R	R				66.7 (33)	69.7 (33)	66.7 (33)	81.8 (33)			R	97.0 (33)	100 (33)	100 (33)	84.8 (33)	90.9 (33)			100 (33)	90.9 (33)								87.9 (33)	
<i>Klebsiella oxytoca</i>	26		R	88.0 (25)	88.5 (25)	96.2 (26)	33.3 (6)		0.0 (25)			88.5 (26)	92.3 (26)	84.6 (26)	88.5 (26)				92.3 (26)	92.3 (26)		88.5 (26)	92.3 (26)			100 (26)	92.3 (26)							92.3 (26)		
<i>Klebsiella pneumoniae</i> (all isolates)	955		R	68.9 (952)	63.7 (951)	74.7 (952)	55.8 (165)	52.7 (93)		0.0 (951)		58.5 (952)	62.3 (952)	60.1 (952)	64.9 (952)		77.8 (948)	82.2 (952)	86.7 (952)	85.8 (952)	97.9 (952)	51.2 (952)	59.5 (952)			95.3 (952)	83.2 (949)							59.6 (949)		
(ICU)	46		R	54.3 (46)	50.0 (46)	58.7 (46)	55.6 (9)	50.0 (6)		0.0 (46)		41.3 (46)	41.3 (46)	41.3 (46)	45.7 (46)		63.0 (46)	63.0 (46)	76.1 (46)	71.7 (46)	93.5 (46)	34.8 (46)	39.1 (46)			89.1 (46)	76.1 (46)							41.3 (46)		
(inpatient)	727		R	66.9 (726)	62.3 (725)	72.6 (726)	50.8 (128)	54.1 (74)		0.0 (725)		55.4 (726)	59.2 (726)	57.3 (726)	62.3 (726)		76.8 (723)	80.0 (726)	85.1 (726)	84.2 (726)	98.1 (726)	49.2 (726)	57.7 (726)			95.0 (726)	82.8 (723)							58.3 (726)		
(outpatient)	133		R	73.5 (132)	65.9 (132)	81.8 (132)	70.0 (20)	33.3 (9)		0.0 (132)		69.7 (132)	72.7 (132)	70.5 (132)	73.5 (132)		83.3 (132)	90.2 (132)	91.7 (132)	91.7 (132)	97.0 (132)	60.6 (132)	66.7 (132)			97.0 (132)	84.1 (132)							67.2 (131)		
<i>Morganella morganii</i>	105		R	R	86.5 (104)	100 (105)	R	R	R			81.0 (105)	93.3 (105)	87.6 (105)	97.1 (105)		66.7 (105)	100 (105)	95.2 (105)	100 (105)	R	59.0 (105)	58.1 (105)			99.0 (105)	71.4 (105)							64.4 (104)		
<i>Neisseria meningitidis</i>			-	- e																																
<i>Proteus mirabilis</i>	241			51.3 (238)	89.6 (240)	90.8 (240)	98.8 (240)	19.4 (31)	18.9 (37)		0.0 (238)		78.3 (240)	92.9 (240)	82.5 (240)	88.8 (240)		95.4 (240)	100 (240)	97.1 (240)	100 (240)	R	58.7 (240)	59.6 (240)			100 (240)	75.0 (240)						55.8 (240)	R	
<i>Proteus vulgaris</i>	15		R	86.7 (15)	100 (15)	100 (15)	R	R	R			86.7 (15)	100 (15)	86.7 (15)	86.7 (15)		86.7 (15)	100 (15)	100 (15)	100 (15)	R	73.3 (15)	80.0 (15)			100 (15)	93.3 (15)							86.7 (15)	R	
<i>Providencia rettgeri</i>	16		R	R	100 (16)	100 (16)	R	R		0.0 (15)		100 (16)	93.8 (16)	100 (16)	100 (16)		93.8 (16)	100 (16)	100 (16)	100 (16)	R	75.0 (16)	68.8 (16)			100 (16)	87.5 (16)							81.3 (16)	R	

Gram negative

Organism	TOTAL ISOLATES	BETA - LACTAMS														CARBAPENEMS			POLY MYCINS	QUINOLONES			AMINOGLYCOSIDES			GLYCOPETIDES		MISCELLANEOUS										
		PENICILLIN	PENICILLIN BY MIC	AMPICILLIN	AMOXICILIN/ CLAVULANIC ACID	AMPICILLIN / SULBACTAM	PIPERACILLIN / TAZOBACTAM	CEFAZOLIN (A)	CEFAZOLIN (U)	CEFUROXIME SODIUM (parenteral)	CEFUROXIME SODIUM (Oral)	^a CEFOPERAZONE / SULBACTAM	CEFOTAXIME	CEFTAZIDIME	CEFTRIAZONE	CEFEPIME	OXACILLIN	CEFOXITIN	ERTAPENEM	IMPENEM	MEROPENEM	COLISTIN BY MIC	CIPROFLOXACIN	LEVOFLOXACIN	NOFLOXACIN (U)	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg	VANCOMYCIN	TEICOPLANIN	FOSFOMYCIN	CLINDAMYCIN	ERYTHROMYCIN	NITROFURANTOIN (U)	CHLORAMPHENICOL	CO-TRIMOXAZOLE	TETRACYCLINE	
(Nonmeningitis: by E-test)	46		82.2 (45)		86.7 (45)						88.2 ^a (34)			75.8 ^a (33)	86.7 ^a (45)																							

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

^b : Blood, Pleural Fluid

^c : Sputum, Ear, Sinus

^d : Interpret according to oxacillin susceptibility test

^e : MIC Interpretive Criteria

^f : Interpret according to cefoxitin susceptibility test

^h : High-Level Aminoglycoside

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

R : Intrinsic resistance

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

* ข้อมูลความไวจากวิธี disk diffusion และ MIC ระบุกัน

* COLISTIN จำนวนพบเจอ Intermediate

