

Annual Report of Antimicrobial Susceptibility

JAN-DEC 2022

Nopparatrajathanee Hospital

ORGANISMS	Percentage of Susceptible*																												
	Colistin**	Ampicillin ^a	Amoxicillin/Clav. ^b	Methicillin ^b	Penicillin	Ampicillin/Subb.	Piperacil/Tazob.	Cefazolin ^c	Cefoxitin	Cefotaxime	Ceftriaxone	Cefazidime	Cefoperazone/Subb.	Cefepime	Impenem	Meropenem	Ertapenem	Gentamicin	Amikacin	Netilmicin	Ciprofloxacin	Levofloxacin	Trimetho/Sulfa.	Chloramphenicol	Erythromycin	Clindamycin	Fusidic acid	Vancomycin	
Achromobacter xylosoxidans						90 (60)			0 (60)	0 (60)	87 (60)			22 (60)	80 (60)			2 (60)	2 (60)	2 (60)	13 (60)	43 (60)							
Acinetobacter baumannii	100 (888)					31 (888)									31 (888)	31 (888)					44 (888)	46 (888)							
Burkholderia cepacia												94 (51)											98 (51)	100 (51)					
Pseudomonas aeruginosa	100 (921)											79 (921)	78 (914)	81 (921)	80 (921)	79 (921)					85 (921)	91 (921)	88 (921)	76 (921)	76 (921)				
Stenotrophomonas maltophilia												31 (313)												89 (313)	99 (313)				
Citrobacter koseri		R (66)	94			95 (66)	86 (66)	89 (66)	88 (66)	88 (66)	89 (66)	97 (66)	88 (66)	98 (66)	98 (66)	98 (66)	98 (66)	94 (66)	100 (66)	98 (66)	89 (66)	89 (66)	92 (66)	95 (66)					
Citrobacter freundii		R	R			74 (54)	R	R	70 (54)	70 (54)	76 (53)	81 (54)	81 (54)	89 (54)	89 (54)	87 (54)	83 (54)	100 (54)	94 (54)	63 (54)	63 (54)	72 (54)							
Enterobacter cloacae		R	R			79 (365)	R	R	67 (365)	67 (365)	70 (365)	80 (361)	77 (365)	94 (365)	92 (365)	90 (365)	98 (365)	71 (365)	100 (365)	90 (365)	35 (365)	38 (365)	48 (365)						
Escherichia coli		18 (1914)	81 (1914)			93 (1914)	44 (1914)	89 (1914)	53 (1914)	53 (1914)	73 (1914)	91 (1910)	69 (1914)	99 (1914)	99 (1914)	98 (1914)	98 (1914)	94 (1914)	100 (1914)	98 (1914)	89 (1914)	89 (1914)	90 (1914)	35 (1914)	38 (1914)	48 (1914)			
Klebsiella pneumoniae		R	72 (1527)			75 (1527)	64 (1527)	79 (1527)	65 (1527)	65 (1527)	67 (1527)	76 (1522)	70 (1527)	88 (1527)	88 (1527)	82 (1527)	83 (1527)	89 (1527)	86 (1527)	62 (1527)	65 (1527)	66 (1527)							
Klebsiella(Enterobacter) aerogenes		R	R			78 (55)	R	R	73 (55)	73 (55)	75 (55)	89 (53)	93 (55)	100 (55)	100 (55)	100 (55)	96 (55)	100 (55)	100 (55)	84 (55)	84 (55)	82 (55)							
Morganella morganii		R	R	R		98 (124)	R	58 (124)	87 (124)	88 (124)	97 (124)	99 (124)	98 (124)	89 (124)	99 (124)	99 (124)	88 (124)	100 (124)	94 (124)	65 (124)	66 (124)	77 (124)							
Proteus mirabilis		R	58 (399)	94 (399)		99 (399)	74 (399)	97 (399)	87 (399)	87 (399)	97 (399)	100 (398)	93 (399)	100 (399)	100 (399)	100 (399)	82 (399)	99 (399)	83 (399)	62 (399)	62 (399)	57 (399)							
Proteus vulgaris		R	R	93 (41)		100 (41)	R	93 (41)	93 (41)	93 (41)	95 (41)	100 (41)	100 (41)	100 (41)	100 (41)	100 (41)	100 (41)	100 (41)	100 (41)	83 (41)	85 (41)	78 (41)							
Providencia rettgeri		R	R	R		83 (23)	31 (23)	83 (23)	83 (23)	83 (23)	83 (23)	87 (23)	78 (23)	87 (23)	87 (23)	87 (23)	78 (23)	87 (23)	78 (23)	74 (23)	74 (23)	78 (23)							
Providencia stuartii		R	R	R		98 (64)	R	95 (64)	88 (64)	89 (64)	91 (64)	100 (64)	97 (64)	100 (64)	100 (64)	100 (64)	R	98 (64)	R	53 (64)	53 (64)	92 (64)							
Salmonella spp.	-	61 (147)	95 (43)			100 (43)		98 (43)	95 (43)	95 (43)	95 (43)	100 (41)	98 (43)	100 (43)	100 (43)	100 (43)					71 (147)		90 (147)						
Serratia marcescens		R	R	R		81 (102)	R	R	47 (102)	47 (102)	49 (102)	98 (102)	57 (102)	99 (102)	100 (102)	99 (102)	100 (102)	100 (102)	100 (102)	45 (102)	56 (102)	100 (102)							
Aeromonas hydrophila		0 (24)				84 (25)		4 (25)	80 (25)	80 (25)	80 (25)		92 (25)	88 (25)	88 (25)	88 (25)	100 (25)	96 (25)		90 (49)	92 (25)	90 (49)							
Haemophilus influenzae		54 (24)	73 (24)						100 (24)							100 (24)					92 (24)		38 (24)	100 (24)					
Enterococcus faecalis		100 (439)			88 (439)													61 (439)											100 (439)
Enterococcus faecium		0 (293)			4 (293)													85 (293)											92 (293)
Staphylococcus aureus (MRSA)				0 (101)	0 (101)													87 (101)					99 (101)		28 (101)	30 (101)	99 (101)	100 (101)	
Staphylococcus aureus (MSSA)				100 (645)	20 (645)													97 (645)					100 (645)		85 (645)	88 (645)	100 (645)		
Streptococcus pyogenes					100 (46)						100 (44)															100 (46)	98 (46)	98 (46)	100 (46)
Streptococcus agalactiae					97 (172)						99 (161)													98 (172)	81 (172)	84 (172)	100 (172)		
Streptococcus galloyticus					92 (25)						100 (25)													100 (25)	56 (25)	60 (25)	100 (25)		
Streptococcus pneumoniae					93 (54)						96 (54)												100 (54)	57 (54)	87 (54)	59 (54)	76 (54)	100 (54)	

() = Number tested

* Susceptible only (not include Intermediate Susceptible)

** Intermediate only (form CLSI 2020)

R = Intrinsic resistance with testing data

The result can apply to

a: Amoxicillin

b: Cloxacillin

c: Cephalothin, Cephalexin, Cefaclor