Percentage of susceptible Organisms Isolated From All Specimen, 1 hospital, Jan - Dec 2025 , (โรงพยาบาลตราด)

	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)	CEFAZOLIN (U)	CEFIXIME/ SODIUM	CEFIXIME/ SODIUM (as mono ver)	CEFOPERAZONE / SODIUM	CEFOPERAZONE / SULBACTAM	CEFOT AXIME	CEFTT AZIDIME	CEFTT RIAXONE	CEFEPIME	ERAPENEM	IMIPENEM	MEROPENEM	COLISTIN BY MIC	CIPROFLOXACIN	LEVOFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg	VANCOMYCIN	TEICOPLANIN	FOSFOMYCIN	CLINDAMYCIN	ERYTHROMYCIN	NITROFURANTOIN (U)	CHLORAMPHENICOL	CO-TRIMOXAZOLE	TETRACYCLINE
Gram negative	*Acinetobacter calcoaceticus-baumannii* complex	262			R	R	-	0.0 (1)							23.7 (262)	30.5 (262)	-	31.3 (262)	R	0.0 (101)	30.5 (262)	32.4 (262)	32.6 (262)	35.1 (262)	37.4 (261)	34.8 (261)				R			R		32.8 (262)	24.2 * (262)
	(ICU)	23			R	R	-	-							8.7 (23)	8.7 (23)	-	8.7 (23)	R	0.0 * (21)	8.7 (23)	100.0 (23)	8.7 (23)	8.7 (23)	17.4 (23)	13.0 (23)				R			R		8.7 (23)	- *
	(inpatient)	236			R	R	-	-							24.2 (236)	31.8 (236)	-	32.2 (236)	R	0.0 * (102)	30.9 (236)	31.5 (236)	33.5 (236)	36.0 (236)	37.7 (235)	34.9 (235)				R			R		33.5 (235)	20.0 * (235)
	(outpatient)	13			R	R	-	0.0 (1)							38.5 (13)	46.2 (13)	-	53.8 (13)	R	0.0 * (5)	61.5 (13)	100.0 (13)	53.8 (13)	61.5 (13)	69.2 (13)	75.0 (12)				R			R		61.5 (13)	66.7 * (3)
	Acinetobacter spp.	15					-	-							66.7 (15)	66.7 (15)	-	80.0 (15)		0.0 * (2)	80.0 (15)		80.0 (15)	93.3 (15)	100.0 (15)	91.3 (15)									80.0 (15)	- *
	Aeromonas hydrophila	4						100.0 (4)		-					100.0 (4)	100.0 (4)	-	0.0 (4)		0.0 * (4)	25.0 * (4)	25.0 * (4)	100.0 (4)	100.0 (4)	100.0 (4)	100.0 (4)							-		100.0 (4)	25.0 * (4)
	Burkholderia cepacia complex	4			R	R	R									-					50.0 (4)	R		50.0 * (4)						R			- *		50.0 (4)	
	Burkholderia mallei															- *					- *															- *
	Burkholderia pseudomallei	21				- *										0.0 * (21)					100.0 * (21)														61.9 * (21)	85.7 * (21)
	Citrobacter freundii	7			R	R	R	0.0 (7)	R	R	R	R	-		0.0 (7)	0.0 (7)	-	0.0 (7)	R	85.7 (7)	85.7 (7)	85.7 (7)	0.0 (7)	0.0 (7)	-	0.0 (7)	0.0 (7)						-	-	42.9 (7)	28.6 (7)
	Enterobacter cloacae	55			R	R	R	0.0 (55)	R	R			-		45.5 (55)	56.4 (55)	-	0.0 (55)	R	72.7 (55)	89.1 (55)	96.9 (55)	92.7 (55)	0.0 (55)	-	0.0 (55)	0.0 (55)						-	-	65.5 (55)	54.5 (55)
	Enterobacter spp.	5		-		80.0 (5)	-	0.0 (5)	0.0 (5)	-	80.0 (5)	-	-		100.0 (5)	100.0 (5)	-	0.0 (5)		20.0 * (5)	100.0 (5)	100.0 (5)	0.0 (5)	0.0 (5)	-	0.0 (5)	0.0 (5)						-	-	100.0 (5)	100.0 (5)
	Escherichia coli (all isolates)	557		-		72.8 (557)	-	0.0 (557)	0.0 (557)	0.0 (557)	48.1 (557)	-	-		52.2 (557)	65.2 (557)	-	0.0 (557)		86.5 (557)	94.3 (557)	96.2 (557)	96.4 (557)	0.0 (557)	0.0 (557)	-	0.0 (557)	0.0 (557)						-	-	44.5 (557)	36.7 (557)
	(Urine-inpatient)	242			19.0 (42)	58.5 (242)	-	0.0 (242)		0.0 (242)	41.3 (242)	-	-		43.8 (242)	55.0 (242)	-	0.0 (242)		83.9 (242)	92.7 (242)	94.0 (242)	95.9 (242)	91.3 (242)	0.0 (242)	-	0.0 (242)	0.0 (242)		-				-	-	42.1 (242)	32.2 (242)
	(Urine-outpatient)	125			7.7 (39)	78.4 (125)	-	0.0 (125)		0.0 (89)	50.6 (125)	-	-		59.2 (125)	72.0 (125)	-	0.0 (125)		84.8 (125)	98.9 (125)	98.0 (125)	98.9 (125)	98.9 (125)	0.0 (125)	-	0.0 (125)	0.0 (125)		-				-	-	48.8 (125)	32.8 (125)
	Haemophilus influenzae (all isolates)				-	-	-	-			-				-	-	-				-	-		-	-										-	-	-
	(age 0-5 years old)				-	-	-	-			-				-	-	-				-	-		-	-										-	-	-
	(age > 5 years old)				-	-	-	-			-				-	-	-				-	-		-	-										-	-	-
	(CSF)				-	-	-	-			-				-	-	-				-	-		-	-										-	-	-
	(Sterile sites) [b]				-	-	-	-			-				-	-	-				-	-		-	-										-	-	-
	(Non-sterile sites) [c]				-	-	-	-			-				-	-	-				-	-		-	-										-	-	-
	Klebsiella aerogenes	25			R	R	R	0.0 (25)	R	R			-		60.0 (25)	64.0 (25)	-	0.0 (25)		R	64.0 (25)	80.0 (25)	88.0 (25)	80.0 (25)	0.0 (25)	0.0 (25)	-	0.0 (25)	0.0 (25)						-	-	72.0 (25)	64.0 (25)
	Klebsiella oxytoca	22			R	90.9 (22)	-	0.0 (22)	0.0 (0)	0.0 (0)	31.8 (22)	-	-		36.4 (22)	40.9 (22)	-	0.0 (22)		63.6 (22)	72.7 (22)	81.8 (22)	86.4 (22)		0.0 (22)	0.0 (22)	-	0.0 (22)	0.0 (22)						-	-	45.5 (22)	45.5 (22)
	Klebsiella pneumoniae (all isolates)	418			R	63.4 (418)	-	0.0 (415)	0.0 (202)	0.0 (55)	51.3 (415)	-	-		56.3 (415)	62.0 (415)	-	0.0 (415)		75.8 (415)	80.4 (415)	87.8 (415)	96.4 (415)	89.2 (415)	0.0 (415)	0.0 (415)	-	0.0 (415)	0.0 (415)						-	-	51.2 (415)	46.0 (415)
	(ICU)	17			R	34.8 (17)	-	0.0 (17)	0.0 (1)	0.0 (1)	47.1 (17)	-	-		47.1 (17)	64.7 (17)	-	0.0 (17)		70.6 (17)	70.6 (17)	88.2 (17)	82.4 (17)	76.5 (17)	0.0 (17)	0.0 (17)	-	0.0 (17)	0.0 (17)						-	-	64.7 (17)	52.9 (17)
	(inpatient)	342			R	61.7 (342)	-	0.0 (342)	0.0 (161)	0.0 (41)	51.5 (342)	-	-		54.1 (342)	59.9 (342)	-	0.0 (342)		75.1 (342)	79.2 (342)	86.8 (342)	96.5 (342)	88.9 (342)	0.0 (342)	0.0 (342)	-	0.0 (342)	0.0 (342)						-	-	59.9 (342)	55.3 (342)
	(outpatient)	73			R	74.0 (73)	-	0.0 (73)	0.0 (36)	0.0 (19)	63.0 (73)	-	-		68.5 (73)	71.2 (73)	-	0.0 (73)		79.5 (73)	94.5 (73)	89.0 (73)	87.7 (73)	89.0 (73)	0.0 (73)	0.0 (73)	-	0.0 (73)	0.0 (73)						-	-	67.1 (73)	65.8 (73)
	Morganella morganii	32			R	R	-	0.0 (32)	R	R	R	R	-		-	93.8 (32)	-	0.0 (32)		90.6 (32)	90.6 (32)	9.4 (32)	96.9 (32)	R	0.0 (32)	0.0 (32)	-	0.0 (32)	0.0 (32)						R	-	62.5 (32)	50.0 (32)
	Neiseria meningitidis			-		- *									-		-					-														-	-
	Proteus mirabilis	97			-	69.1 (97)	-	0.0 (97)	0.0 (35)	0.0 (97)	64.9 (97)	-	-		70.1 (97)	90.7 (97)	-	0.0 (97)		85.6 (97)	87.6 (97)	-	90.7 (97)	R	0.0 (97)	0.0 (97)	-	0.0 (97)	0.0 (97)				R	-	54.6 (97)	R
	Proteus vulgaris	7			R	57.1 (7)	-	0.0 (7)		R	R	R	R	-	85.7 (7)	100.0 (7)	-	0.0 (7)		85.7 (7)	100.0 (7)	57.1 (7)	100.0 (7)	R	0.0 (7)	0.0 (7)	-	0.0 (7)	0.0 (7)				R	-	71.4 (7)	R
	Providencia rettgeri	5			R	R	-	0.0 (5)		R	R	-	-	-	60.0 (5)	80.0 (5)	-	0.0 (5)		80.0 (5)	80.0 (5)	80.0 (5)	100.0 (5)	R	0.0 (5)	0.0 (5)	-	0.0 (5)	0.0 (5)				R	-	80.0 (5)	R
	Providencia stuartii	9			R	R	-	0.0 (9)		R	R	-	-	-	66.7 (9)	66.7 (9)	-	0.0 (9)		66.7 (9)	77.8 (9)	33.3 (9)	88.9 (9)	R	0.0 (9)	0.0 (9)	-	0.0 (9)	-				R	-	33.3 (9)	R
	Providencia spp.				-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-		-	-	-	-	-				-	-	-	-	
	Pseudomonas aeruginosa (all isolates)	230			R	R	R	75.2 (230)							R	75.7 (230)	R	75.3 (230)			R	78.4 (230)	75.3 (230)	50.4 (230)	0.0 (230)	0.0 (230)	-	52.7 (53)						R	R	R
	(ICU)	14			R	R	R	78.6 (14)							R	85.7 (14)	R	85.7 (14)			R	71.4 (14)	71.4 (14)	92.9 (14)	0.0 (14)	0.0 (14)	-	50.0 * (2)						R	R	R
	(Inpatient)	200			R	R	R	74.5 (200)							R	74.0 (200)	R	72.5 (200)			R	80.0 (200)	73.0 (200)	89.5 (200)	0.0 (200)	0.0 (200)	-	53.1 * (43)						R	R	R
	(outpatient)	21			R	R	R	81.0 (21)							R	81.0 (21)	R	76.2 (21)			R	85.7 (21)	85.7 (21)	90.5 (21)	0.0 (21)	0.0 (21)	-	62.5 * (8)						R	R	R
	Salmonella, Typhoidal	1			-								-		100.0 (1)	100.0 (1)	-								0.0 (1)	0.0 * (1)							-		0.0 (1)	
	Salmonella spp.	44			73.7 (39)								-		88.6 (39)	88.6 (39)	-								40.9 (44)	0.0 * (23)							-		88.6 (44)	
	Serratia marcescens	21			R	R	R	0.0 (21)	R	R	R	R	-	-	-	33.3 (21)	-	0.0 (21)		R	81.0 (21)	85.7 (21)	90.5 (21)	R	0.0 (21)	0.0 (21)	-	0.0 (21)	0.0 (21)				R	-	81.0 (21)	0.0 (21)
	Shigella spp.				-																				-	-										-	
Gram negative	*Stenotrophomonas maltophilia*	30			R	R	R	R							R	- *	R			R	R	R				R	R	R			R			- *	56.7 (30)	-
	Vibrio cholerae (all serotypes)				-																														-	-	-
	(O1)				-																														-	-	-
	(non O1, non O139)				-																														-	-	-
	Vibrio parahaemolyticus	1			-	-	-	100.0 (1)	- * (1)		-				-	100.0 (1)		-		100.0 (1)		100.0 (1)	100.0 (1)		-	-		100.0 (1)	100.0 (1)						100.0 (1)	100.0 (1)
	Vibrio spp.	3			-	100.0 (3)	-	100.0 (3)	0.0 * (0)		-				100.0 (3)	100.0 (3)		0.0 (0)		100.0 (3)		100.0 (3)	100.0 (3)		-	-		100.0 (3)	100.0 (3)						100.0 (3)	100.0 (3)
Gram positive	*Enterococcus faecalis*	48	-	70.8 (48)	81.7 (48)				R	R	R	R	R	R	R	R	R	R						41.0 * (39)	46.2 * (39)		R	R	- *	87.8 (47)	-	- *	R	2.1 (46)	100.0 (12)		R	2.1 * (39)
	Enterococcus faecium	26	-	0.0 (26)	0.0 (25)				R	R	R	R	R	R	R	R	R	R						0.0 * (24)	0.0 * (24)		R	R	- *	61.5 (26)	-		R	0.0 (26)	33.3 (12)		R	25.0 * (24)
	Enterococcus spp.	12	-	25.0 (12)	25.0 (12)								R											11.1 * (9)	22.2 * (9)				- *	75.0 (12)	-			16.7 (12)	16.7 (6)			22.2 * (9)
	Staphylococcus aureus (all isolates)	165	-	15.2 (165)														91.5 * (165)					92.1 (165)	92.7 (165)			91.5 (165)		98.8 * (166)	- *		86.1 (165)	82.4 (165)	100.0 (6)	-	98.8 (163)	23.3 (165)
	(MRSA)	18	-	0.0 (17)														29.4 * (18)					52.9 (17)	53.9 (17)			64.7 (17)		94.1 * (17)	- *		52.9 (17)	29.4 (17)	-	-	94.1 (17)	23.5 (17)
	(MSSA)	151	-	16.6 (151)														100.0 * (151)					95.4 (151)	96.0 (151)			94.0 (151)		99.3 * (151)	- *		92.1 (151)	87.4 (151)	-	-	99.3 (151)	35.0 (151)
	(ICU)		-	-														- *					-	-			-		- *	- *		-	-	-	-	-	-
	(inpatient)	181	-	14.4 (139)														91.7 * (181)					92.8 (139)	93.5 (139)			92.1 (139)		98.8 * (139)	- *		84.9 (139)	82.6 (139)	100.0 (5)	-	98.6 (139)	31.8 (139)
	(outpatient)	43	-	16.3 (13)														81.4 * (43)					90.9 (13)	90.9 (13)			87.9 (33)		100.0 * (13)	- *		87.9 (33)	78.8 (33)	100.0 (1)	-	100.0 (33)	54.5 (33)
	Staphylococcus, coagulase negative	122	-	14.8 (121)														60.7 * (121)					56.7 (121)	57.9 (121)			63.6 (121)		97.3 * (121)	- *		54.7 (121)	33.9 (121)	100.0 (2)	-	74.4 (121)	61.5 (122)
	Staphylococcus, coagulase negative (blood)	102	-	15.7 (101)														62.8 * (101)					56.4 (101)	55.4 (101)			62.4 (101)		99.0 * (101)	- *		53.7 (101)	32.7 (101)	-	-	71.3 (101)	64.7 (102)
	Streptococcus agalactiae	19	-	100.0 (19)	0.0 (19)										-		-	-						100.0 (19)					100.0 (19)			-	0.0 (19)		-		0.0 (19)
	Streptococcus, β-hemolytic not Group A,B,D	15	-	86.7 (13)	86.7 (13)										76.9 (13)		76.9 (13)	84.6 (13)						92.3 (13)					92.3 (13)			81.5 (13)	53.8 (13)		86.7 (15)		53.4 (13)
	Streptococcus pyogenes	19	-	100.0 (19)	100.0 (19)										100.0 (19)		100.0 (19)	94.7 (19)						94.7 (19)					100.0 (19)			100.0 (18)	84.2 (19)		88.9 (19)		21.1 (19)
	Streptococcus suis				-	- *									-		-	-						-					-				-	-		-	
	Streptococcuss spp. Viridans Group	9			42.9 (7)	42.9 * (3)									85.7 (7)		85.7 (7)	85.7 (7)						100.0 (7)					100.0 (7)			57.1 (7)	42.9 (7)		88.9 (9)		
	Streptococcus pneumoniae (all isolates)	17	- *	47.1 (17)		88.2 * (17)					64.7 * (17)	64.7 * (17)												100.0 (17)					100.0 (17)			76.5 (17)	52.9 (17)		76.5 (17)	58.8 (17)	53.1 (17)
	(age 0-5 years old)	4	- *	25.0 (4)		75.0 * (4)					50.0 * (4)	50.0 * (4)												100.0 (4)					100.0 (4)			75.0 (4)	25.0 (4)		75.0 (4)	50.0 (4)	50.0 (4)
	(age > 5 years old)	13	- *	53.8 (13)		84.6 * (13)					69.2 * (13)	69.2 * (13)												100.0 (13)					100.0 (13)			69.2 (13)	61.5 (13)		76.9 (13)	69.2 (13)	64.2 (13)
	(Sterile sites) [b]	13	- *	92.3 (13)							69.2 * (13)	69.2 * (13)												100.0 (13)					100.0 (13)			69.2 (13)	53.8 (13)		76.9 (13)	61.5 (13)	46.2 (13)
	(Non-sterile sites) [c]	4	- *	50.0 (4)		75.0 * (4)					50.0 * (4)	50.0 * (4)												100.0 (4)					100.0 (4)			75.0 (4)	50.0 (4)		75.0 (4)	50.0 (4)	25.0 (4)
	(Meningitis)	1			0.0 (1)										0.0 * (1)		0.0 * (1)	100.0 * (1)																		
	(Nonmeningitis)	17			88.2 (17)		88.2 * (17)								94.1 * (17)		94.1 * (17)	88.2 * (17)																		

%S: > 90 | 76-90 | 61-75 | 0-60

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

[b] : Blood, Pleural Fluid

[c] : Sputum, Ear, Sinus

[d] : Interprete according to oxacillin susceptibility test

[e] : MIC Interpretive Criteria

[f] : Interprete according to cefoxitin susceptibility test

[h] : High-Level Aminoglycoside

[m] : Urine, Urine Catheter, Urine Clean- Voided

R : Intrinsic resistance

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

* ข้อมูลการแจ้งว่าผลไม่ดี disk diffusion กับ MIC ว่าแต่ใด

* COLISTIN ถ้าว่าผล 10 Intermediate