

Anti-Biogram

รายงานการดื้อต่อยาปฏิชีวนะของเชื้อแบคทีเรียก่อโรค
(Antimicrobial susceptibility testing report)

โรงพยาบาลสอยดาว

ประจำปีงบประมาณ 2568
(ตุลาคม พ.ศ. 2567 - กันยายน พ.ศ. 2568)



จัดทำข้อมูลโดย บริษัท อาร์ไอเอ แลบบอราทอรี จำกัด

All Specimen

Percentage of susceptible Organisms Isolated From All Specimen, Soidao hospital, October 2024 - September 2025

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS		P	QUINOLONES				A				F	G	MISCELLANEOUS																	
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Gentamicin 500 ug/ml	Netilmicin	Moxifloxacin	Vancomycin	Teicoplanin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline	Daptomycin	Linezolid	Rifampin	Azithromycin	Tigecycline	Ampicillin - sulbactam	
<i>Achromobacter insolitus</i>	1	%S				100			0.0	100	100	100				100	100			100	100			100	0.0	0.0							100										
		Total drug test [n]				[1]			[1]	[1]	[1]	[1]				[1]	[1]			[1]	[1]			[1]	[1]	[1]							[1]										
		S				1			0	1	1	1				1	1			1	1			1	0	0							1										
<i>Acinetobacter baumannii</i>	14	%S				57.1			21.4	50.0	14.3					57.1	57.1			57.1	57.1			78.6	64.3								57.1		57.1								
		Total drug test [n]				[14]			[14]	[14]	[14]					[14]	[14]			[14]	[14]			[14]	[14]								[14]		[14]								
		S				8			3	7	2					8	8			8	8			11	9								8		8								
<i>Acinetobacter johnsonii</i>	1	%S				0.0			0.0	0.0	0.0					0.0	0.0			0.0	0.0			100	0.0								0.0		100								
		Total drug test [n]				[1]			[1]	[1]	[1]	[1]				[1]	[1]			[1]	[1]			[1]	[1]	[1]							[1]		[1]								
		S				0			0	0	0					0	0			0	0			1	0								0		1								
<i>Acinetobacter junii</i>	1	%S				100			100	100	100					100	100			100	100			100	100								100		100								
		Total drug test [n]				[1]			[1]	[1]	[1]					[1]	[1]			[1]	[1]			[1]	[1]								[1]		[1]								
		S				1			1	1	1					1	1			1	1			1	1								1		1								
<i>Acinetobacter pittii</i>	2	%S				100			100	100	100					100	100			100	100			100	100			100					100		100								
		Total drug test [n]				[2]			[2]	[2]	[2]					[2]	[2]			[2]	[2]			[2]	[2]								[1]		[1]		[2]						
		S				2			2	2	2					2	2			2	2			2	2								1		2								
<i>Acinetobacter soli</i>	1	%S				100			0.0	100	100					100	100			100	100			100	100								100		100								
		Total drug test [n]				[1]			[1]	[1]	[1]					[1]	[1]			[1]	[1]			[1]	[1]								[1]		[1]								
		S				1			0	1	1					1	1			1	1			1	1								1		1								
<i>Acinetobacter spp.</i>	1	%S				100			100	100	100					100	100			100	100			100	100								100		100								
		Total drug test [n]				[1]			[1]	[1]	[1]					[1]	[1]			[1]	[1]			[1]	[1]								[1]		[1]								
		S				1			1	1	1					1	1			1	1			1	1								1		1								
<i>Acinetobacter ursingii</i>	3	%S				100			33.3	33.3	33.3					100	100			100	100			100	100								100		100								
		Total drug test [n]				[3]			[3]	[3]	[3]					[3]	[3]			[3]	[3]			[3]	[3]								[3]		[3]								
		S				3			1	1	1					3	3			3	3			3	3								3		3								
<i>Aeromonas caviae</i>	1	%S		0.0	0.0	100			100	100	100		0.0		100	100	100			100	100			100	100								100		100								
		Total drug test [n]		[1]	[1]	[1]			[1]	[1]	[1]		[1]		[1]	[1]	[1]			[1]	[1]			[1]	[1]								[1]		[1]								
		S		0	0	1			1	1	1		0		1	1	1			1	1			1	1								1		1								
<i>Aeromonas hydrophila</i>	3	%S							66.7	66.7	66.7		33.3							100	100												100										
		Total drug test [n]							[3]	[3]	[3]		[3]							[3]	[3]												[3]										
		S							2	2	2		1							3	3												3										
<i>Aeromonas jandaei</i>	1	%S							100	100	100		100							100	100													100									
		Total drug test [n]							[1]	[1]	[1]		[1]							[1]	[1]												[1]										
		S							1	1	1		1							1	1												1										
<i>Aeromonas media</i>	1	%S							100	100	100		0.0							100	100													100									
		Total drug test [n]							[1]	[1]	[1]		[1]							[1]	[1]												[1]										
		S							1	1	1		0							1	1												1										

Percentage of susceptible Organisms Isolated From All Specimen, Soidao hospital, October 2024 - September 2025

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS	P	QUINOLONES				A		F	G	MISCELLANEOUS																						
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Gentamicin 500 ug/ml	Netilmicin	Moxifloxacin	Vancomycin	Teicoplanin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline	Daptomycin	Linezolid	Rifampin	Azithromycin	Tigecycline	Ampicillin - sulbactam			
			%S																																										
<i>Aeromonas spp.</i>	1	Total drug test [n]							100	100	100		0.0							100	100												100												
		S							[1]	[1]	[1]		[1]							[1]	[1]												[1]												
<i>Citrobacter koseri</i>	3	Total drug test [n]		0.0	100	100			100	100	100		100		100	100	100			100	100	100		100	100								100		66.7										
		S		0	3	3			3	3	3		3		3	3	3			3	3	1		3	3							3		2											
<i>Corynebacterium diphtheriae</i>	1	Total drug test [n]	100								0.0													100			100	100					100	100		100			100	100					
		S	1								0													[1]			[1]	[1]	[1]			1	1		1	1		1	1						
<i>Cupriavidus pauculus</i>	1	Total drug test [n]			100				100	100	100	100				100	0.0			100	100			100	0.0		0.0							100											
		S			1				1	1	1	1				1	0			1	1			1	0		0						1												
<i>Enterobacter cloacae</i>	1	Total drug test [n]		0.0	0.0	100			100	100	100		0.0		100	100	100			100	100		100	100									100			0.0									
		S		0	0	1			1	1	1		0		1	1	1			1	1		1	1								1			0										
<i>Enterobacter cloacae complex</i>	18	Total drug test [n]		0.0	5.6	100			100	100	100		0.0		100	100	100			83.3	83.3	100		100	94.4								83.3		66.7										
		S		0	1	18			18	18	18		0		18	18	18			15	15	1		18	17							15		12											
<i>Enterococcus avium</i>	1	Total drug test [n]	0.0	0.0																							100					0.0	100				0.0								
		S	0	0																						1					0	1				0									
<i>Enterococcus faecalis</i>	23	Total drug test [n]	69.6	87.0																69.2	53.8	53.8					100				33.3	75.0		0.0	26.1										
		S	16	20																9	7	7					23				0	9		0	6										
<i>Enterococcus faecium</i>	10	Total drug test [n]	10.0	10.0																0.0	0.0	0.0					100				0.0	100		28.6	50.0										
		S	1	1																0	0	0					10				0	5		2	5										
<i>Escherichia coli</i>	219	Total drug test [n]		17.7	86.3	96.8	100		67.1	87.7	67.1		87.4		98.2	98.2	98.2	50.0		61.1	62.4	55.4		99.5	81.1		100				100		59.4		42.7		100	100							
		S		209	219	218	1		219	219	219		215		218	219	217	2		216	218	112		219	206		1			1			219		206		2	1							
<i>Haemophilus influenzae</i>	2	Total drug test [n]		50.0							100									100													100	50.0	100					100		50.0			
		S		1							2									2												2	1	2					2		2		1		
<i>Klebsiella aerogenes</i>	5	Total drug test [n]		0.0	0.0	100			100	100	100		0.0		100	100	100			100	100			100	100								100		80.0										
		S		0	0	5			5	5	5		0		5	5	5			5	5			5	5							5		4											

Percentage of susceptible Organisms Isolated From All Specimen, Soidao hospital, October 2024 - September 2025

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			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Gentamicin 500 ug/ml	Netilmicin	Moxifloxacin	Vancomycin	Teicoplanin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline	Daptomycin	Linezolid	Rifampin	Azithromycin	Tigecycline	Ampicillin - sulbactam		
Klebsiella pneumoniae	98	%S		0.0	86.6	98.0			83.7	88.8	83.7		90.7			99.0	99.0	99.0	100		88.8	88.8	66.7		100	92.7							77.3		72.6									
		Total drug test [n]	[97]	[97]	[98]			[98]	[98]	[98]		[97]		[98]	[98]	[98]	[1]		[98]	[98]	[15]		[98]	[98]									[97]		[95]	[96]								
		S	0	84	96			82	87	82		88		97	97	97	1		87	87	10		98	89									75		69									
Morganella morganii	7	%S		0.0	0.0	100			85.7	85.7	85.7		14.3			100	100	100			100	100	100		100	100								85.7		71.4								
		Total drug test [n]	[7]	[7]	[7]			[7]	[7]	[7]		[7]		[7]	[7]	[7]			[7]	[7]	[4]		[7]	[7]										[7]		[7]								
		S	0	0	7			6	6	6		1		7	7	7			7	7	4		7	7									6		5									
Ochrobactrum intermedium	1	%S				0.0			0.0	0.0	0.0	0.0				100	100			100	100		100	100		0.0								100										
		Total drug test [n]				[1]			[1]	[1]	[1]	[1]				[1]	[1]			[1]	[1]		[1]	[1]		[1]	[1]							[1]										
		S				0			0	0	0	0				1	1			1	1		1	1		0								1										
Pantoea dispersa	1	%S			100	100			100	100	100		100			100	100	100			100	100		100										100										
		Total drug test [n]			[1]	[1]			[1]	[1]	[1]		[1]			[1]	[1]	[1]			[1]	[1]		[1]										[1]										
		S			1	1			1	1	1		1			1	1	1			1	1		1										1										
Pantoea stewartii	1	%S		100	100	100			100	100	100		100			100	100	100			100	100		0.0	100									100		100								
		Total drug test [n]		[1]	[1]	[1]			[1]	[1]	[1]		[1]			[1]	[1]	[1]			[1]	[1]		[1]	[1]									[1]		[1]								
		S		1	1	1			1	1	1		1			1	1	1			1	1		0	1									1		1								
Proteus hauseri	2	%S		0.0	50.0	100			50.0	100	50.0		50.0			100	100	100			50.0	50.0		100	50.0									50.0		50.0								
		Total drug test [n]		[2]	[2]	[2]			[2]	[2]	[2]		[2]			[2]	[2]	[2]			[2]	[2]		[2]	[2]									[2]		[2]								
		S		0	1	2			1	2	1		1			2	2	2			1	1		2	1									1		1								
Proteus mirabilis	25	%S		32.0	84.0	100			84.0	96.0	84.0		87.5			100	100	100			83.3	88.0	80.0	100	87.5									66.7		25.0								
		Total drug test [n]		[25]	[25]	[24]			[25]	[25]	[25]		[24]			[25]	[25]	[25]			[24]	[25]	[10]		[25]	[24]								[24]		[24]								
		S		8	21	24			21	24	21		21			25	25	25			20	22	8		25	21							16		6									
Proteus vulgaris	3	%S		66.7	100	100			100	100	100		100			100	100	100			100	100	100	100	100									100		100								
		Total drug test [n]		[3]	[3]	[3]			[3]	[3]	[3]		[3]			[3]	[3]	[3]			[3]	[3]	[1]		[3]	[3]								[3]		[3]								
		S		2	3	3			3	3	3		3			3	3	3			3	3	1		3	3								3		3								
Providencia rettgeri	1	%S		100	100	100			100	100	100		100			100	100	100			100	100	100	100	100									100		0.0								
		Total drug test [n]		[1]	[1]	[1]			[1]	[1]	[1]		[1]			[1]	[1]	[1]			[1]	[1]	[1]		[1]	[1]								[1]		[1]								
		S		1	1	1			1	1	1		1			1	1	1			1	1	1		1	1								1		0								
Providencia stuartii	2	%S		0.0	0.0	100			100	100	100		50.0			100	100	100			100	100	100	100	50.0									50.0		0.0								
		Total drug test [n]		[2]	[2]	[2]			[2]	[2]	[2]		[2]			[2]	[2]	[2]			[2]	[2]	[1]		[2]	[2]								[2]		[2]								
		S		0	0	2			2	2	2		1			2	2	2			2	2	1		2	1																		
Pseudomonas aeruginosa	61	%S				98.4				98.4						96.7	96.7			100	100	100	100		100																			
		Total drug test [n]				[61]				[61]						[61]	[61]			[61]	[61]	[7]		[7]																				
		S				60				60						59	59			61	61	7		7																				
Pseudomonas mosselii	1	%S				0.0				100		100				100	100			100	100		100	100		100																		
		Total drug test [n]				[1]				[1]					[1]	[1]			[1]	[1]		[1]	[1]		[1]	[1]		100																
		S				0				1		1			1	1			1	1		1	1		1	1																		

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			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Gentamicin 500 ug/ml	Netilmicin	Moxifloxacin	Vancomycin	Teicoplanin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline	Daptomycin	Linezolid	Rifampin	Azithromycin	Tigecycline	Ampicillin - sulbactam	
<i>Pseudomonas putida</i>	1	%S				0.0			0.0		0.0				0.0	0.0			0.0				0.0	0.0		100																	
		Total drug test [n]				[1]			[1]		[1]				[1]	[1]			[1]				[1]	[1]		[1]																	
		S				0			0		0				0	0			0				0	0		1																	
<i>Pseudomonas spp.</i>	1	%S				100			100		100				100	100			100	100			100	100		100																	
		Total drug test [n]				[1]			[1]		[1]				[1]	[1]			[1]	[1]			[1]	[1]		[1]																	
		S				1			1		1				1	1			1	1			1	1		1																	
<i>Pseudomonas stutzeri</i>	1	%S				100			100	100	100				100	100				100			100	100		100																	
		Total drug test [n]				[1]			[1]	[1]	[1]				[1]	[1]				[1]			[1]	[1]		[1]																	
		S				1			1	1	1				1	1				1			1	1		1																	
<i>Salmonella group B</i>	1	%S		100															100	100															100								
		Total drug test [n]		[1]															[1]	[1]															[1]								
		S		1															1	1															1								
<i>Salmonella group D</i>	2	%S		50.0					100	100	100								100																	100							
		Total drug test [n]		[2]					[2]	[2]	[2]								[2]																	[2]							
		S		1					2	2	2								2																2								
<i>Salmonella not sero group A-E</i>	1	%S		100					100	100	100								100																	100							
		Total drug test [n]		[1]					[1]	[1]	[1]								[1]																	[1]							
		S		1					1	1	1								1																1								
<i>Serratia marcescens</i>	3	%S		0.0	0.0	100			100	100	100		33.3		100	100	100			100	100		100	100											100			33.3					
		Total drug test [n]		[3]	[3]	[3]			[3]	[3]	[3]		[3]		[3]	[3]	[3]			[3]	[3]		[3]	[3]											[3]			[3]					
		S		0	0	3			3	3	3		1		3	3	3			3	3		3	3										3			1						
<i>Serratia nematodiphila</i>	1	%S		0.0	100	100			100	100	100		100		100	100	100			100	100	100		100	100										100			0.0					
		Total drug test [n]		[1]	[1]	[1]			[1]	[1]	[1]		[1]		[1]	[1]	[1]			[1]	[1]	[1]		[1]	[1]										[1]			[1]					
		S		0	1	1			1	1	1		1		1	1	1			1	1	1		1	1									1			0						
<i>Staphylococcus argenteus</i>	1	%S		0.0									100						100					100										100	100	100	100	100					
		Total drug test [n]		[1]									[1]						[1]					[1]											[1]	[1]	[1]	[1]	[1]				
		S		0									1						1					1											1	1	1	1					
<i>Staphylococcus arlettae</i>	1	%S		0.0									100						100					100											0.0	0.0	100	100	100	100			
		Total drug test [n]		[1]									[1]						[1]					[1]											[1]	[1]	[1]	[1]	[1]				
		S		0									1						1					1											0	0	1	1	1				
<i>Staphylococcus aureus</i>	46	%S		15.2									89.1						93.3		100			92.9										92.9	85.0	97.6	100	54.3	81.8				
		Total drug test [n]		[46]									[46]						[45]		[5]			[42]										[42]	[40]	[41]	[45]	[46]	[44]				
		S		7									41						42		5			39										39	34	40	45	25	36				
<i>Staphylococcus borealis</i>	2	%S		0.0									0.0						0.0					50.0										100	50.0	100	50.0	0.0	0.0				
		Total drug test [n]		[2]									[2]						[2]					[2]											[2]	[2]	[2]	[2]					
		S		0									0						0					1										2	1	2	1	0	0				

Percentage of susceptible Organisms Isolated From All Specimen, Soidao hospital, October 2024 - September 2025

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS		P	QUINOLONES				A			F	G	MISCELLANEOUS																		
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Gentamicin 500 ug/ml	Netilmicin	Moxifloxacin	Vancomycin	Teicoplanin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline	Daptomycin	Linezolid	Rifampin	Azithromycin	Tigecycline	Ampicillin - sulbactam	
Staphylococcus capitis	1	%S	100									100											100							100	100	100	100	100	100								
		Total drug test [n]	[1]										[1]										[1]							[1]	[1]	[1]	[1]	[1]	[1]								
		S	1										1										1							1	1	1	1	1	1								
Staphylococcus caprae	2	%S	100									100							100	100			100							100	100	100	100	100	100								
		Total drug test [n]	[2]										[2]						[2]	[1]			[2]							[1]	[1]	[1]	[2]	[2]	[2]								
		S	2										2						2	1			2							1	1	1	2	2	2								
Staphylococcus coagulase negative	3	%S	0.0									33.3						33.3	0.0				66.7							50.0	50.0	100	66.7	66.7	100								
		Total drug test [n]	[3]										[3]						[3]	[2]			[3]							[2]	[2]	[3]	[3]	[3]									
		S	0										1						1	0			2							1	1	2	2	2	3								
Staphylococcus cohnii	3	%S	66.7									66.7						100					100							66.7	33.3	100	100	66.7	66.7								
		Total drug test [n]	[3]										[3]						[3]				[3]							[3]	[3]	[3]	[3]	[3]									
		S	2										2						3				3							2	1	3	3	2	2								
Staphylococcus epidermidis	4	%S	0.0									75.0						50.0					75.0							50.0	50.0	100	75.0	75.0	100								
		Total drug test [n]	[4]										[4]						[4]				[4]							[4]	[4]	[4]	[4]	[4]									
		S	0										3						2				3							2	2	4	3	3	4								
Staphylococcus haemolyticus	10	%S	10.0									40.0						60.0	66.7				70.0							42.9	28.6	100	70.0	70.0	100	0.0							
		Total drug test [n]	[10]										[10]						[10]	[3]			[10]							[7]	[7]	[7]	[10]	[10]	[9]	[1]							
		S	1										4						6	2			7							3	2	7	7	7	9	0							
Staphylococcus hominis	11	%S	27.3									72.7			100			70.0					88.9							60.0	45.5	81.8	63.6	45.5	75.0	100							
		Total drug test [n]	[11]										[11]			[1]		[10]					[9]							[10]	[11]	[11]	[11]	[11]	[8]	[1]							
		S	3										8			1		7					8							6	5	9	7	5	6	1							
Staphylococcus lugdunensis	1	%S	100									100						100					100							100	100	100	100	100	100								
		Total drug test [n]	[1]										[1]						[1]				[1]							[1]	[1]	[1]	[1]	[1]	[1]								
		S	1										1						1				1							1	1	1	1	1	1								
Staphylococcus nepalensis	1	%S	100									100						100					100							100	100	0.0	100	100	100								
		Total drug test [n]	[1]										[1]						[1]				[1]							[1]	[1]	[1]	[1]	[1]	[1]								
		S	1										1						1				1							1	1	0	1	1	1								
Staphylococcus pettenkoferi	2	%S	50.0									50.0						100					100							100	100	100	100	50.0	50.0								
		Total drug test [n]	[2]										[2]						[2]				[2]							[2]	[2]	[2]	[2]	[2]	[2]								
		S	1										1						2				2							2	2	2	2	1	1								
Staphylococcus saprophyticus	5	%S	80.0									100						100		100			100							100	100	100	100	100	100								
		Total drug test [n]	[5]										[5]						[5]	[2]			[4]							[3]	[3]	[3]	[5]	[5]	[5]								
		S	4										5						5	2			4							3	3	3	5	5	5								
Staphylococcus simulans	1	%S	100									100						100					100							100	100	100	100	0.0	0.0								
		Total drug test [n]	[1]										[1]						[1]				[1]							[1]	[1]	[1]	[1]	[1]	[1]								
		S	1										1						1				1							1	1	1	1	0	0								

Percentage of susceptible Organisms Isolated From All Specimen, Soidao hospital, October 2024 - September 2025

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS		P	QUINOLONES		A			F	G	MISCELLANEOUS																		
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Gentamicin 500 ug/ml	Netilmicin	Moxifloxacin	Vancomycin	Teicoplanin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline	Daptomycin	Linezolid	Rifampin	Azithromycin	Tigecycline
Staphylococcus xylosus	1	%S	0.0									0.0							0.0					100						100	0.0	100		100	100						
		Total drug test [n]	[1]									[1]							[1]					[1]						[1]	[1]	[1]	[1]	[1]	[1]						
		S	0									0							0					1						1	0	1	1	1	1	1	1				
Stenotrophomonas maltophilia	7	%S																	100														100								
		Total drug test [n]																	[7]														[7]								
		S																	7														7								
Streptococcus agalactiae	8	%S	87.5	100					100		100								87.5									100	100	100	100			57.1							
		Total drug test [n]	[8]	[8]					[8]		[8]								[8]									[8]	[4]	[4]	[4]			[7]							
		S	7	8					8		8								7									8	4	4	4			4							
Streptococcus anginosus	1	%S	100	100					100		100								100								100	100	100	100			100								
		Total drug test [n]	[1]	[1]					[1]		[1]								[1]								[1]	[1]	[1]	[1]			[1]								
		S	1	1					1		1								1								1	1	1	1			1								
Streptococcus constellatus	1	%S							100		100								100								100	100	100	100			0.0								
		Total drug test [n]							[1]		[1]								[1]								[1]	[1]	[1]	[1]			[1]								
		S							1		1								1								1	1	1	1			0								
Streptococcus dysgalactiae	1	%S	100	100					100		100								100								100	100	100	100			0.0								
		Total drug test [n]	[1]	[1]					[1]		[1]								[1]								[1]	[1]	[1]	[1]			[1]								
		S	1	1					1		1								1								1	1	1	1			0								
Streptococcus gallolyticus	3	%S	100	100					100		100								66.7								100	100	100	100			33.3								
		Total drug test [n]	[1]	[1]					[3]		[3]								[3]								[3]	[2]	[2]	[2]			[3]								
		S	1	1					3		3								2								3	2	2	2			1								
Streptococcus intermedius	1	%S	100						100		100								100								100	100	100	100			100								
		Total drug test [n]	[1]						[1]		[1]								[1]								[1]	[1]	[1]	[1]			[1]								
		S	1						1		1								1								1	1	1	1			1								
Streptococcus mitis	1	%S							100		100								100								100	100	100	100			0.0								
		Total drug test [n]							[1]		[1]								[1]								[1]	[1]	[1]	[1]			[1]								
		S							1		1								1								1	1	1	1			0								
Streptococcus oralis	1	%S	100						100		100								0.0								100	100	100	100			0.0								
		Total drug test [n]	[1]						[1]		[1]								[1]								[1]	[1]	[1]	[1]			[1]								
		S	1						1		1								0								1	1	1	1			0								
Streptococcus pneumoniae	6	%S	0.0																100								100		50.0	50.0	66.7	33.3	25.0	66.7							
		Total drug test [n]	[1]																[6]								[5]	[6]	[6]	[6]	[6]	[6]	[4]	[6]							
		S	0																6								5	3	3	4	2	1	4								
Streptococcus pyogenes	12	%S	100	100					100		100								100								100	100	100	90.9			18.2						0.0		
		Total drug test [n]	[12]	[12]					[12]		[12]								[12]								[12]	[12]	[11]	[11]			[11]						[1]		
		S	12	12					12		12								12								12	12	11	10			2						0		

Percentage of susceptible Organisms Isolated From All Specimen, Soidao hospital, October 2024 - September 2025

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS				P	QUINOLONES				A			F	G		MISCELLANEOUS													
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Gentamicin 500 ug/ml	Netilmicin	Moxifloxacin	Vancomycin	Teicoplanin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline	Daptomycin	Linezolid	Rifampin	Azithromycin	Tigecycline
Streptococcus salivarius	1	%S						100		100									100								100			100	100	100		0.0							
		Total drug test [n]						[1]		[1]										[1]							[1]		[1]	[1]	[1]		[1]								
		S						1		1										1							1		1	1	1		0								
Streptococcus spp. Viridans Group	1	%S						100		100									100								100		100	100	100		0.0								
		Total drug test [n]						[1]		[1]										[1]							[1]		[1]	[1]	[1]		[1]								
		S						1		1										1							1		1	1	1		0								
Streptococcus suis	1	%S	0.0	0.0				0.0		0.0									0.0								100		100	100	100		100								
		Total drug test [n]	[1]	[1]				[1]		[1]										[1]							[1]		[1]	[1]	[1]		[1]								
		S	0	0				0		0										0							1		1	1	1		1								
Streptococcus viridans	1	%S	0.0	0.0				0.0		0.0									0.0								0.0		0.0	0.0											
		Total drug test [n]	[1]	[1]				[1]		[1]										[1]							[1]		[1]	[1]											
		S	0	0				0		0										0							0		0	0											
Vibrio parahaemolyticus	1	%S			100			100	100			100							100	100																					
		Total drug test [n]			[1]			[1]	[1]			[1]								[1]	[1]																				
		S			1			1	1			1								1	1																				
Vibrio vulnificus	1	%S			100			100	100			100							100	100																					
		Total drug test [n]			[1]			[1]	[1]			[1]								[1]	[1]																				
		S			1			1	1			1								1	1																				

First Isolate : เชื้อที่แยกหรือเพาะได้ ตัวแรกของสปีชีส์เดียวกันในช่วงเวลาที่กำหนดการ วิเคราะห์ข้อมูล โดยไม่คำนึงถึงชนิดของตัวอย่างหรือตำแหน่งที่เก็บตัวอย่าง

%S : เปอร์เซ็นต์ของจำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S

Total drug test (n) : จำนวนเชื้อทั้งหมดที่นำไปทดสอบความไวในยาแต่ละชนิด

S : จำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S

Total First Isolate : จำนวน First Isolations ของเชื้อทั้งหมดที่แยกได้จากตัวอย่าง

P : POLY MYXINS
G : GLYCOPEPTIDES
A : AMINOGLYCOSIDES
F : FLUOROQUINOLONE

Data : calculate from First isolation

* Norfloxacin for Urine sample only

% susceptible =	≥90	80-89	70-79	50-69	<50
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Blood Specimen

Percentage of susceptible Organisms Isolated From Blood Specimen, Soidao hospital, October 2024 - September 2025

Organisms	Total First Isolate		BETA-LACTAMS												CARBAPENEMS			P	QUINOLONES				A				F	G	MISCELLANEOUS													
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Gentamicin 500 ug/ml	Netilmicin	Moxifloxacin	Vancomycin	Teicoplanin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline	Daptomycin	Linezolid	Rifampin	Azithromycin	Tigecycline	Ampicillin - sulbactam
Acinetobacter pittii	1	%S			100			100	100	100					100	100			100	100			100	100				100							100							
		Total drug test [n]			[1]			[1]	[1]	[1]					[1]	[1]			[1]	[1]			[1]	[1]			[1]							[1]								
		S			1			1	1	1					1	1			1	1			1	1			1							1								
Corynebacterium diphtheriae	1	%S	100							0.0													100				100			100	100		100	100			100	100				
		Total drug test [n]	[1]								[1]													[1]			[1]		[1]	[1]		[1]	[1]			[1]	[1]					
		S	1								0													1			1		1	1		1	1			1	1					
Enterobacter cloacae complex	1	%S		0.0	0.0	100			100	100	100		0.0		100	100	100			0.0	0.0		100	100								0.0		0.0								
		Total drug test [n]		[1]	[1]	[1]			[1]	[1]	[1]		[1]		[1]	[1]	[1]			[1]	[1]		[1]	[1]								[1]		[1]								
		S		0	0	1			1	1	1		0		1	1	1			0	0		1	1								0		0								
Enterococcus faecalis	2	%S	100	100																							100			50.0	100				0.0							
		Total drug test [n]	[2]	[2]																							[2]			[2]	[2]			[2]								
		S	2	2																							2			1	2			0								
Enterococcus faecium	2	%S	0.0	0.0																							100			0.0	100			50.0								
		Total drug test [n]	[2]	[2]																							[2]			[2]	[2]			[2]								
		S	0	0																							2			0	2			1								
Escherichia coli	52	%S	19.1	86.5	96.2			67.3	88.5	67.3		86.5		96.2	96.2	96.1			62.7	65.4			100	66.7								48.1		50.0		100						
		Total drug test [n]	[47]	[52]	[52]			[52]	[52]	[52]		[52]		[52]	[52]	[51]			[51]	[52]			[52]	[45]									[52]		[48]		[1]					
		S	9	45	50			35	46	35		45		50	50	49			32	34			52	30									25		24		1					
Haemophilus influenzae	1	%S	100							100									100													100	100	100					100		100	
		Total drug test [n]	[1]								[1]								[1]													[1]	[1]	[1]				[1]		[1]		
		S	1								1								1													1	1	1				1		1		
Klebsiella pneumoniae	11	%S	0.0	90.9	90.9			81.8	90.9	81.8		100		100	100	100			81.8	81.8			100	100								80.0		60.0								
		Total drug test [n]	[10]	[11]	[11]			[11]	[11]	[11]		[10]		[11]	[11]	[11]			[11]	[11]			[11]	[10]									[10]		[10]							
		S	0	10	10			9	10	9		10		11	11	11			9	9			11	10									8		6							
Morganella morganii	1	%S	0.0	0.0	100			100	100	100		0.0		100	100	100			100	100			100	100								0.0		100								
		Total drug test [n]	[1]	[1]	[1]			[1]	[1]	[1]		[1]		[1]	[1]	[1]			[1]	[1]			[1]	[1]								[1]		[1]								
		S	0	0	1			1	1	1		0		1	1	1			1	1			1	1								0		1								
Pantoea stewartii	1	%S	100	100	100			100	100	100		100		100	100	100			100	100			0.0	100								100		100								
		Total drug test [n]	[1]	[1]	[1]			[1]	[1]	[1]		[1]		[1]	[1]	[1]			[1]	[1]			[1]	[1]									[1]		[1]							
		S	1	1	1			1	1	1		1		1	1	1			1	1			0	1								1		1								
Proteus mirabilis	3	%S	33.3	100	100			66.7	66.7	66.7		100		100	100	100			100	100			100	100								100		50.0								
		Total drug test [n]	[3]	[3]	[2]			[3]	[3]	[3]		[2]		[3]	[3]	[3]			[3]	[3]			[3]	[2]									[2]		[2]							
		S	1	3	2			2	2	2		2		3	3	3			3	3			3	2								2		1								

Percentage of susceptible Organisms Isolated From Blood Specimen, Soidao hospital, October 2024 - September 2025

Organisms	Total First Isolate		BETA-LACTAMS											CARBAPENEMS	P	QUINOLONES				A			F	G	MISCELLANEOUS																	
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Gentamicin 500 ug/ml	Netilmicin	Moxifloxacin	Vancomycin	Teicoplanin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline	Daptomycin	Linezolid	Rifampin	Azithromycin	Tigecycline	Ampicillin - sulbactam
<i>Pseudomonas stutzeri</i>	1	%S			100				100	100	100				100	100				100			100	100		100																
		Total drug test [n]			[1]				[1]	[1]	[1]				[1]	[1]				[1]			[1]	[1]		[1]																
		S			1				1	1	1				1	1				1			1	1		1																
<i>Salmonella group D</i>	2	%S		50.0				100	100	100									100														100									
		Total drug test [n]		[2]				[2]	[2]	[2]										[2]													[2]									
		S		1				2	2	2										2													2									
<i>Salmonella not sero group A-E</i>	1	%S		100				100	100	100									100														100									
		Total drug test [n]		[1]				[1]	[1]	[1]										[1]													[1]									
		S		1				1	1	1										1													1									
<i>Serratia marcescens</i>	1	%S		0.0	0.0	100			100	100	100		100		100	100	100		100	100			100	100								100			100							
		Total drug test [n]		[1]	[1]	[1]			[1]	[1]	[1]		[1]		[1]	[1]	[1]		[1]	[1]			[1]	[1]								[1]		[1]								
		S		0	0	1			1	1	1		1		1	1	1		1	1			1	1								1		1								
<i>Staphylococcus argenteus</i>	1	%S	0.0										100						100					100							100	100	100	100	100	100						
		Total drug test [n]	[1]											[1]						[1]				[1]								[1]	[1]	[1]	[1]	[1]	[1]					
		S	0											1						1				1								1	1	1	1	1	1					
<i>Staphylococcus arlettae</i>	1	%S	0.0										100						100					100							0.0	0.0	100	100	100	100						
		Total drug test [n]	[1]											[1]						[1]				[1]							[1]	[1]	[1]	[1]	[1]	[1]						
		S	0											1						1				1							0	0	1	1	1	1						
<i>Staphylococcus aureus</i>	9	%S	0.0										88.9						88.9					100							88.9	88.9	100	100	55.6	77.8						
		Total drug test [n]	[9]											[9]						[9]				[9]							[9]	[9]	[9]	[9]	[9]	[9]						
		S	0											8						8				9							8	8	9	9	5	7						
<i>Staphylococcus borealis</i>	2	%S	0.0										0.0						0.0				50.0								100	50.0	100	50.0	0.0	0.0						
		Total drug test [n]	[2]											[2]						[2]				[2]							[2]	[2]	[2]	[2]	[2]	[2]						
		S	0											0						0				1							2	1	2	1	0	0						
<i>Staphylococcus capitis</i>	1	%S	100										100										100								100	100	100	100	100	100						
		Total drug test [n]	[1]											[1]									[1]								[1]	[1]	[1]	[1]	[1]	[1]						
		S	1											1									1								1	1	1	1	1	1						
<i>Staphylococcus caprae</i>	1	%S	100										100						100				100								100	100	100	100	100	100						
		Total drug test [n]	[1]											[1]						[1]				[1]							[1]	[1]	[1]	[1]	[1]	[1]						
		S	1											1						1				1							1	1	1	1	1	1						
<i>Staphylococcus coagulase negative</i>	2	%S	0.0										50.0						50.0					50.0							50.0	50.0	100	50.0	50.0	100						
		Total drug test [n]	[2]											[2]						[2]				[2]							[2]	[2]	[2]	[2]	[2]	[2]						
		S	0											1						1				1							1	1	2	1	1	2						

Percentage of susceptible Organisms Isolated From Blood Specimen, Soidao hospital, October 2024 - September 2025

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS				P	QUINOLONES				A			F	G	MISCELLANEOUS														
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Gentamicin 500 ug/ml	Netilmicin	Moxifloxacin	Vancomycin	Teicoplanin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline	Daptomycin	Linezolid	Rifampin	Azithromycin	Tigecycline
Staphylococcus cohnii	1	%S	100									100							100				100						100	0.0	100	100	100	100							
		Total drug test [n]	[1]										[1]						[1]				[1]						[1]	[1]	[1]	[1]	[1]	[1]							
		S	1										1						1				1						1	0	1	1	1	1							
Staphylococcus epidermidis	2	%S	0.0									50.0							50.0				50.0						50.0	50.0	100	100	50.0	100							
		Total drug test [n]	[2]										[2]						[2]				[2]					[2]	[2]	[2]	[2]	[2]	[2]								
		S	0										1						1				1					1	1	2	2	2	1	2							
Staphylococcus haemolyticus	4	%S	25.0									50.0							50.0				50.0						50.0	50.0	100	75.0	100	100							
		Total drug test [n]	[4]										[4]						[4]				[4]					[4]	[4]	[4]	[4]	[4]	[4]								
		S	1										2						2				2					2	2	4	3	4	4								
Staphylococcus hominis	10	%S	30.0									70.0			100			66.7					87.5						55.6	40.0	90.0	70.0	50.0	71.4	100						
		Total drug test [n]	[10]										[10]			[1]			[9]				[8]					[9]	[10]	[10]	[10]	[10]	[7]	[1]							
		S	3										7			1			6				7					5	4	9	7	5	5	1							
Staphylococcus pettenkoferi	2	%S	50.0									50.0						100				100						100	100	100	100	50.0	50.0								
		Total drug test [n]	[2]										[2]						[2]				[2]					[2]	[2]	[2]	[2]	[2]	[2]								
		S	1										1						2				2					2	2	2	2	1	1								
Staphylococcus simulans	1	%S	100									100						100				100						100	100	100	100	0.0	0.0								
		Total drug test [n]	[1]										[1]						[1]				[1]					[1]	[1]	[1]	[1]	[1]	[1]								
		S	1										1						1				1					1	1	1	1	0	0								
Staphylococcus xylosus	1	%S	0.0									0.0						0.0				100						100	0.0	100	100	100	100								
		Total drug test [n]	[1]										[1]						[1]				[1]					[1]	[1]	[1]	[1]	[1]	[1]								
		S	0										0						0				1					1	0	1	1	1	1								
Streptococcus agalactiae	3	%S	100	100				100	100										66.7								100		100	100	100		100								
		Total drug test [n]	[3]	[3]				[3]	[3]											[3]							[3]		[3]	[3]	[3]		[3]								
		S	3	3				3	3											2							3		3	3	3		3								
Streptococcus constellatus	1	%S						100	100										100							100		100	100	100		0.0									
		Total drug test [n]						[1]	[1]											[1]						[1]		[1]	[1]	[1]		[1]									
		S						1	1											1						1		1	1	1		0									
Streptococcus dysgalactiae	1	%S	100	100				100	100										100							100		100	100	100		0.0									
		Total drug test [n]	[1]	[1]				[1]	[1]											[1]						[1]		[1]	[1]	[1]		[1]									
		S	1	1				1	1											1						1		1	1	1		0									
Streptococcus gallolyticus	2	%S	100	100				100	100										50.0							100		100	100	100		50.0									
		Total drug test [n]	[1]	[1]				[2]	[2]											[2]						[2]		[2]	[2]	[2]		[2]									
		S	1	1				2	2											1						2		2	2	2		1									

Percentage of susceptible Organisms Isolated From Blood Specimen, Soidao hospital, October 2024 - September 2025

Organisms	Total First Isolate		BETA-LACTAMS												CARBAPENEMS		P	QUINOLONES		A			F	G	MISCELLANEOUS																
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Gentamicin 500 ug/ml	Netilmicin	Moxifloxacin	Vancomycin	Teicoplanin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline	Daptomycin	Linezolid	Rifampin	Azithromycin	Tigecycline
Streptococcus intermedius	1	%S	100					100	100										100								100		100	100	100		100								
		Total drug test [n]	[1]					[1]	[1]											[1]							[1]	[1]	[1]	[1]		[1]									
		S	1					1	1											1							1	1	1	1		1									
Streptococcus mitis	1	%S						100	100										100								100		100	100	100		0.0								
		Total drug test [n]						[1]	[1]											[1]							[1]	[1]	[1]	[1]		[1]									
		S						1	1											1							1	1	1	1		0									
Streptococcus pneumoniae	2	%S																	100								100		0.0	0.0	50.0	0.0	0.0	50.0							
		Total drug test [n]																		[2]							[2]	[2]	[2]	[2]	[2]	[2]	[2]								
		S																		2							2	0	0	1	0	0	1								
Streptococcus pyogenes	6	%S	100	100				100	100										100								100		100	100	100		16.7								
		Total drug test [n]	[6]	[6]				[6]	[6]											[6]							[6]	[6]	[6]	[6]		[6]									
		S	6	6				6	6											6							6	6	6	6		1									
Streptococcus salivarius	1	%S						100	100										100								100		100	100	100		0.0								
		Total drug test [n]						[1]	[1]											[1]							[1]	[1]	[1]	[1]		[1]									
		S						1	1											1							1	1	1	1		0									
Streptococcus spp. Viridans Group	1	%S						100	100										100								100		100	100	100		0.0								
		Total drug test [n]						[1]	[1]											[1]							[1]	[1]	[1]	[1]		[1]									
		S						1	1											1							1	1	1	1		0									
Streptococcus suis	1	%S	0.0	0.0				0.0	0.0										0.0								100		100	100	100		100								
		Total drug test [n]	[1]	[1]				[1]	[1]											[1]							[1]	[1]	[1]	[1]		[1]									
		S	0	0				0	0											0							1	1	1	1		1									
Vibrio vulnificus	1	%S			100			100	100			100							100	100																					
		Total drug test [n]			[1]			[1]	[1]			[1]								[1]	[1]																				
		S			1			1	1			1								1	1																				

First Isolate : เชื้อที่แยกหรือเพาะได้ ตัวแรกของสปีชีส์เดียวกันในช่วงเวลาที่กำหนดการ วิเคราะห์ข้อมูล โดยไม่คำนึงถึงชนิดของตัวอย่างหรือตำแหน่งที่เก็บตัวอย่าง

%S : เปอร์เซนต์ของจำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S

Total drug test (n) : จำนวนเชื้อทั้งหมดที่นำไปทดสอบความไวในยาแต่ละชนิด

S : จำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S

Total First Isolate : จำนวน First Isolations ของเชื้อทั้งหมดที่แยกได้จากตัวอย่าง

P : POLY MYXINS
G : GLYCOPEPTIDES
A : AMINOGLYCOSIDES
F : FLUOROQUINOLONE

Data : calculate from First isolation

* Norfloxacin for Urine sample only

% susceptible =	≥90	80-89	70-79	50-69	<50

CSF Specimen

Percentage of susceptible Organisms Isolated From CSF Specimen, Soidao hospital, October 2024 - September 2025

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS	P	QUINOLONES				A		F	G	MISCELLANEOUS																			
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Gentamicin 500 ug/ml	Netilmicin	Moxifloxacin	Vancomycin	Teicoplanin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline	Daptomycin	Linezolid	Rifampin	Azithromycin	Tigecycline	Ampicillin - sulbactam
<i>Streptococcus pneumoniae</i>	1	%S																	100											100	100	100	100		100							
		Total drug test [n]																		[1]											[1]	[1]	[1]	[1]		[1]						
		S																		1											1	1	1	1		1						

First Isolate : เชื้อที่แยกหรือเพาะได้ ตัวแรกของสปีชีส์เดียวกันในช่วงเวลาที่กำหนดการ วิเคราะห์ข้อมูล โดยไม่คำนึงถึงชนิดของตัวอย่างหรือตำแหน่งที่เก็บตัวอย่าง

%S : เปอร์เซนต์ของจำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S

Total drug test (n) : จำนวนเชื้อทั้งหมดที่นำไปทดสอบความไวในยาแต่ละชนิด

S : จำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S

Total First Isolate : จำนวน First Isolations ของเชื้อทั้งหมดที่แยกได้จากตัวอย่าง

P : POLY MYXINS

G : GLYCOPEPTIDES

A : AMINOGLYCOSIDES

F : FLUOROQUINOLONE

Data : calculate from First isolation

* Norfloxacin for Urine sample only

% susceptible =

≥90

80-89

70-79

50-69

<50

Fluid Specimen

Percentage of susceptible Organisms Isolated From Fluid Specimen, Soidao hospital, October 2024 - September 2025

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS		P	QUINOLONES			A		F	G	MISCELLANEOUS																				
			Penicillin	Ampicillin	Amoxicillin - Clavulanate		Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Gentamicin 500 ug/ml	Netilmicin	Moxifloxacin	Vancomycin	Teicoplanin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline	Daptomycin	Linezolid	Rifampin	Azithromycin	Tigecycline	Ampicillin - sulbactam
<i>Acinetobacter pittii</i>	1	%S				100			100	100	100					100	100				100	100			100	100								100		100							
		Total drug test [n]				[1]			[1]	[1]	[1]					[1]	[1]				[1]	[1]			[1]	[1]							[1]		[1]								
		S				1			1	1	1					1	1				1	1			1	1							1		1								
<i>Enterococcus faecium</i>	1	%S	0.0	0.0																0.0	0.0	0.0						100			0.0	100		100	100								
		Total drug test [n]	[1]	[1]																	[1]	[1]	[1]					[1]			[1]	[1]		[1]	[1]								
		S	0	0																0	0	0					1			0	1		1	1									
<i>Escherichia coli</i>	1	%S		0.0	100	100			0.0	100	0.0		100		100	100	100			0.0	0.0			100	100								0.0		100								
		Total drug test [n]		[1]	[1]	[1]			[1]	[1]	[1]		[1]		[1]	[1]	[1]			[1]	[1]			[1]	[1]								[1]		[1]								
		S		0	1	1			0	1	0		1		1	1	1			0	0			1	1								0		1								
<i>Klebsiella pneumoniae</i>	1	%S		0.0	100	100			100	100	100		100		100	100	100			100	100			100	100								100		100								
		Total drug test [n]		[1]	[1]	[1]			[1]	[1]	[1]		[1]		[1]	[1]	[1]			[1]	[1]			[1]	[1]								[1]		[1]								
		S		0	1	1			1	1	1		1		1	1	1			1	1			1	1							1		1									
<i>Staphylococcus saprophyticus</i>	1	%S	100										100							100				100							100	100	100	100	100	100							
		Total drug test [n]	[1]											[1]						[1]					[1]						[1]	[1]	[1]	[1]	[1]	[1]							
		S	1											1						1					1						1	1	1	1	1	1							

First Isolate : เชื้อที่แยกหรือเพาะได้ ตัวแรกของสปีชีส์เดียวกันในช่วงเวลาที่กำหนดการ วิเคราะห์ข้อมูล โดยไม่คำนึงถึงชนิดของตัวอย่างหรือตำแหน่งที่เก็บตัวอย่าง

%S : เปอร์เซนต์ของจำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S

Total drug test (n) : จำนวนเชื้อทั้งหมดที่นำไปทดสอบความไวในยาแต่ละชนิด

S : จำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S

Total First Isolate : จำนวน First Isolations ของเชื้อทั้งหมดที่แยกได้จากตัวอย่าง

P : POLY MYXINS
G : GLYCOPEPTIDES
A : AMINOGLYCOSIDES
F : FLUOROQUINOLONE

Data : calculate from First isolation
 * Norfloxacin for Urine sample only

% susceptible =	≥90	80-89	70-79	50-69	<50
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Pus Specimen

Percentage of susceptible Organisms Isolated From Pus Specimen, Soidao hospital, October 2024 - September 2025

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS			P	QUINOLONES				A			F	G	MISCELLANEOUS															
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Gentamicin 500 ug/ml	Netilmicin	Moxifloxacin	Vancomycin	Teicoplanin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline	Daptomycin	Linezolid	Rifampin	Azithromycin	Tigecycline
Achromobacter insolitus	1	%S			100			0.0	100	100	100				100	100			100	100			100	0.0		0.0							100								
		Total drug test [n]			[1]			[1]	[1]	[1]	[1]				[1]	[1]			[1]	[1]			[1]	[1]	[1]							[1]									
		S			1			0	1	1	1				1	1			1	1			1	0		0						1									
Acinetobacter baumannii	2	%S			50.0			50.0	50.0	50.0					50.0	50.0			50.0	50.0			100	50.0								50.0		50.0							
		Total drug test [n]			[2]			[2]	[2]	[2]					[2]	[2]			[2]	[2]			[2]	[2]								[2]		[2]							
		S			1			1	1	1					1	1			1	1			2	1								1		1							
Acinetobacter soli	1	%S			100			0.0	100	100					100	100			100	100			100	100								100		100							
		Total drug test [n]			[1]			[1]	[1]	[1]					[1]	[1]			[1]	[1]			[1]	[1]								[1]		[1]							
		S			1			0	1	1					1	1			1	1			1	1								1		1							
Acinetobacter spp.	1	%S			100			100	100	100					100	100			100	100			100	100								100		100							
		Total drug test [n]			[1]			[1]	[1]	[1]					[1]	[1]			[1]	[1]			[1]	[1]								[1]		[1]							
		S			1			1	1	1					1	1			1	1			1	1								1		1							
Aeromonas caviae	1	%S		0.0	0.0	100			100	100	100		0.0		100	100	100			100	100			100	100							100		100							
		Total drug test [n]		[1]	[1]	[1]			[1]	[1]	[1]		[1]		[1]	[1]	[1]			[1]	[1]			[1]	[1]							[1]		[1]							
		S		0	0	1			1	1	1		0		1	1	1			1	1			1	1							1		1							
Aeromonas hydrophila	3	%S						66.7	66.7	66.7		33.3							100	100												100									
		Total drug test [n]						[3]	[3]	[3]		[3]							[3]	[3]												[3]									
		S						2	2	2		1							3	3												3									
Aeromonas jandaei	1	%S						100	100	100		100							100	100												100									
		Total drug test [n]						[1]	[1]	[1]		[1]							[1]	[1]												[1]									
		S						1	1	1		1							1	1												1									
Aeromonas media	1	%S						100	100	100		0.0							100	100												100									
		Total drug test [n]						[1]	[1]	[1]		[1]							[1]	[1]												[1]									
		S						1	1	1		0							1	1												1									
Citrobacter koseri	1	%S		0.0	100	100			100	100	100		100		100	100	100			100	100			100	100							100		100							
		Total drug test [n]		[1]	[1]	[1]			[1]	[1]	[1]		[1]		[1]	[1]	[1]			[1]	[1]			[1]	[1]							[1]		[1]							
		S		0	1	1			1	1	1		1		1	1	1			1	1			1	1							1		1							
Enterobacter cloacae	1	%S		0.0	0.0	100			100	100	100		0.0		100	100	100			100	100			100	100							100		0.0							
		Total drug test [n]		[1]	[1]	[1]			[1]	[1]	[1]		[1]		[1]	[1]	[1]			[1]	[1]			[1]	[1]							[1]		[1]							
		S		0	0	1			1	1	1		0		1	1	1			1	1			1	1							1		0							

Percentage of susceptible Organisms Isolated From Pus Specimen, Soidao hospital, October 2024 - September 2025

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS		P	QUINOLONES				A		F	G	MISCELLANEOUS																		
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Gentamicin 500 ug/ml	Netilmicin	Moxifloxacin	Vancomycin	Teicoplanin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline	Daptomycin	Linezolid	Rifampin	Azithromycin	Tigecycline	Ampicillin - sulbactam
Enterobacter cloacae complex	8	%S		0.0	0.0	100			100	100	100		0.0		100	100	100			87.5	87.5			100	100								100		75.0							
		Total drug test [n]		[8]	[8]	[8]			[8]	[8]	[8]		[8]		[8]	[8]	[8]			[8]	[8]			[8]	[8]								[8]		[8]							
		S		0	0	8			8	8	8		0		8	8	8			7	7			8	8								8		6							
Enterococcus avium	1	%S	0.0	0.0																							100				0.0	100			0.0							
		Total drug test [n]	[1]	[1]																							[1]			[1]	[1]			[1]		0						
		S	0	0																								1		0	1					0						
Enterococcus faecalis	8	%S	75.0	87.5																							100				25.0	75.0			25.0							
		Total drug test [n]	[8]	[8]																							[8]			[8]	[8]			[8]								
		S	6	7																							8			2	6			2								
Enterococcus faecium	1	%S	100	100																							100				0.0	100			0.0							
		Total drug test [n]	[1]	[1]																							[1]			[1]	[1]			[1]								
		S	1	1																							1			0	1			0								
Escherichia coli	25	%S		12.5	68.0	96.0			68.0	92.0	68.0		82.6		100	100	100			70.8	72.0	50.0		100	66.7					100			76.0		33.3							
		Total drug test [n]		[24]	[25]	[25]			[25]	[25]	[25]		[23]		[25]	[25]	[25]			[24]	[25]	[2]		[25]	[24]				[1]				[25]		[24]							
		S		3	17	24			17	23	17		19		25	25	25			17	18	1		25	16				1				19		8							
Klebsiella aerogenes	3	%S		0.0	0.0	100			100	100	100		0.0		100	100	100			100	100			100	100								100		66.7							
		Total drug test [n]		[3]	[3]	[3]			[3]	[3]	[3]		[3]		[3]	[3]	[3]			[3]	[3]			[3]	[3]								[3]		[3]							
		S		0	0	3			3	3	3		0		3	3	3			3	3			3	3								3		2							
Klebsiella pneumoniae	8	%S		0.0	75.0	100			87.5	75.0	87.5		87.5		100	100	100			100	100			100	87.5								87.5		75.0							
		Total drug test [n]		[8]	[8]	[8]			[8]	[8]	[8]		[8]		[8]	[8]	[8]			[8]	[8]			[8]	[8]								[8]		[8]							
		S		0	6	8			7	6	7		7		8	8	8			8	8			8	7								7		6							
Morganella morganii	2	%S		0.0	0.0	100			100	100	100		50.0		100	100	100			100	100			100	100								100		100							
		Total drug test [n]		[2]	[2]	[2]			[2]	[2]	[2]		[2]		[2]	[2]	[2]			[2]	[2]			[2]	[2]								[2]		[2]							
		S		0	0	2			2	2	2		1		2	2	2			2	2			2	2								2		2							
Pantoea dispersa	1	%S			100	100			100	100	100		100		100	100	100			100	100			100									100									
		Total drug test [n]			[1]	[1]			[1]	[1]	[1]		[1]		[1]	[1]	[1]			[1]	[1]			[1]									[1]									
		S			1	1			1	1	1		1		1	1	1			1	1			1									1									
Proteus hauseri	2	%S		0.0	50.0	100			50.0	100	50.0		50.0		100	100	100			50.0	50.0			100	50.0								50.0		50.0							
		Total drug test [n]		[2]	[2]	[2]			[2]	[2]	[2]		[2]		[2]	[2]	[2]			[2]	[2]			[2]	[2]								[2]		[2]							
		S		0	1	2			1	2	1		1		2	2	2			1	1			2	1								1		1							

Percentage of susceptible Organisms Isolated From Pus Specimen, Soidao hospital, October 2024 - September 2025

Organisms	Total First Isolate		BETA-LACTAMS											CARBAPENEMS		P	QUINOLONES				A		F	G	MISCELLANEOUS																
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Gentamicin 500 ug/ml	Netilmicin	Moxifloxacin	Vancomycin	Teicoplanin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline	Daptomycin	Linezolid	Rifampin	Azithromycin	Tigecycline
Proteus mirabilis	12	%S	33.3	75.0	100			91.7	100	91.7		83.3		100	100	100			91.7	91.7	0.0		100	91.7								75.0		16.7							
		Total drug test [n]	[12]	[12]	[12]			[12]	[12]	[12]		[12]		[12]	[12]	[12]			[12]	[12]	[1]		[12]	[12]								[12]		[12]							
		S	4	9	12			11	12	11		10		12	12	12			11	11	0		12	11								9		2							
Proteus vulgaris	2	%S	100	100	100			100	100	100		100		100	100	100			100	100			100	100								100		100							
		Total drug test [n]	[2]	[2]	[2]			[2]	[2]	[2]		[2]		[2]	[2]	[2]			[2]	[2]			[2]	[2]								[2]		[2]							
		S	2	2	2			2	2	2		2		2	2	2			2	2			2	2								2		2							
Pseudomonas aeruginosa	11	%S			100			100						100	100			100	100																						
		Total drug test [n]			[11]				[11]						[11]	[11]			[11]	[11]																					
		S			11				11						11	11			11	11																					
Serratia marcescens	1	%S	0.0	0.0	100			100	100	100		0.0		100	100	100			100	100			100	100								100		0.0							
		Total drug test [n]	[1]	[1]	[1]			[1]	[1]	[1]		[1]		[1]	[1]	[1]			[1]	[1]			[1]	[1]								[1]		[1]							
		S	0	0	1			1	1	1		0		1	1	1			1	1			1	1								1		0							
Staphylococcus aureus	21	%S	9.5									85.7						90.0					88.9						90.5	75.0	95.2	100	66.7	85.0							
		Total drug test [n]	[21]										[21]						[20]					[18]						[21]	[20]	[21]	[20]	[21]	[20]						
		S	2										18						18					16						19	15	20	20	14	17						
Staphylococcus cohnii	1	%S	0.0									0.0						100					100						0.0	0.0	100	100	0.0	0.0							
		Total drug test [n]	[1]										[1]						[1]					[1]					[1]	[1]	[1]	[1]	[1]	[1]	[1]						
		S	0										0						1					1					0	0	1	1	0	0							
Staphylococcus epidermidis	2	%S	0.0									100						50.0					100						50.0	50.0	100	50.0	100	100							
		Total drug test [n]	[2]										[2]						[2]					[2]					[2]	[2]	[2]	[2]	[2]	[2]							
		S	0										2						1					2					1	1	2	1	2	2							
Staphylococcus haemolyticus	2	%S	0.0									0.0						50.0					50.0						50.0	0.0	100	100	50.0	100							
		Total drug test [n]	[2]										[2]						[2]					[2]					[2]	[2]	[2]	[2]	[2]	[2]							
		S	0										0						1					1					1	0	2	2	1	2							
Staphylococcus hominis	1	%S	0.0									100						100					100						100	100	0.0	0.0	0.0	100							
		Total drug test [n]	[1]										[1]						[1]					[1]					[1]	[1]	[1]	[1]	[1]	[1]							
		S	0										1						1					1					1	1	0	0	0	1							
Staphylococcus lugdunensis	1	%S	100									100						100					100						100	100	100	100	100	100							
		Total drug test [n]	[1]										[1]						[1]					[1]					[1]	[1]	[1]	[1]	[1]	[1]							
		S	1										1						1					1					1	1	1	1	1	1							

Percentage of susceptible Organisms Isolated From Pus Specimen, Soidao hospital, October 2024 - September 2025

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS		P	QUINOLONES			A		F	G	MISCELLANEOUS																		
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Gentamicin 500 ug/ml	Netilmicin	Moxifloxacin	Vancomycin	Teicoplanin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline	Daptomycin	Linezolid	Rifampin	Azithromycin	Tigecycline
Staphylococcus nepalensis	1	%S	100									100						100					100						100	100	0.0	100	100	100							
		Total drug test [n]	[1]										[1]						[1]					[1]						[1]	[1]	[1]	[1]	[1]	[1]						
		S	1										1						1					1						1	1	0	1	1	1						
Staphylococcus saprophyticus	2	%S	100									100						100					100						100	100	100	100	100	100	100						
		Total drug test [n]	[2]										[2]						[2]					[1]						[2]	[2]	[2]	[2]	[2]	[2]	[2]					
		S	2										2						2					1						2	2	2	2	2	2						
Streptococcus agalactiae	1	%S	100	100				100		100									100								100		100	100	100		0.0								
		Total drug test [n]	[1]	[1]				[1]		[1]									[1]								[1]		[1]	[1]	[1]		[1]								
		S	1	1				1		1									1								1		1	1	1		0								
Streptococcus anginosus	1	%S	100	100				100		100									100								100		100	100	100		100								
		Total drug test [n]	[1]	[1]				[1]		[1]									[1]								[1]		[1]	[1]	[1]		[1]								
		S	1	1				1		1									1								1		1	1	1		1								
Streptococcus oralis	1	%S	100					100		100									0.0								100		100	100	100		0.0								
		Total drug test [n]	[1]					[1]		[1]									[1]								[1]		[1]	[1]	[1]		[1]								
		S	1					1		1									0								1		1	1	1		0								
Streptococcus pyogenes	6	%S	100	100				100		100									100								100		100	100	80.0		20.0						0.0		
		Total drug test [n]	[6]	[6]				[6]		[6]									[6]								[6]		[6]	[5]	[5]		[5]					[1]			
		S	6	6				6		6									6								6		6	5	4		1					0			

First Isolate : เชื้อที่แยกหรือเพาะได้ ตัวแรกของสปีชีส์เดียวกันในช่วงเวลาที่กำหนดการ วิเคราะห์ข้อมูล โดยไม่คำนึงถึงชนิดของตัวอย่างหรือตำแหน่งที่เก็บตัวอย่าง

%S : เปอร์เซนต์ของจำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S

Total drug test (n) : จำนวนเชื้อทั้งหมดที่นำไปทดสอบความไวในยาแต่ละชนิด

S : จำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S

Total First Isolate : จำนวน First Isolations ของเชื้อทั้งหมดที่แยกได้จากตัวอย่าง

P : POLY MYXINS
G : GLYCOPEPTIDES
A : AMINOGLYCOSIDES
F : FLUOROQUINOLONE

Data : calculate from First isolation
 * Norfloxacin for Urine sample only

% susceptible =	≥90	80-89	70-79	50-69	<50

Sputum Specimen

Percentage of susceptible Organisms Isolated From Sputum Specimen, Soidao hospital, October 2024 - September 2025

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS			P	QUINOLONES			A		F	G	MISCELLANEOUS																	
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Gentamicin 500 ug/ml	Netilmicin	Moxifloxacin	Vancomycin	Teicoplanin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline	Daptomycin	Linezolid	Rifampin	Azithromycin	Tigecycline
<i>Acinetobacter baumannii</i>	11	%S			45.5			9.1	36.4	0.0					45.5	45.5			45.5	45.5			63.6	54.5									45.5		45.5						
		Total drug test [n]			[11]			[11]	[11]	[11]					[11]	[11]			[11]	[11]			[11]	[11]								[11]		[11]							
		S			5			1	4	0					5	5			5	5			7	6								5		5							
<i>Acinetobacter junii</i>	1	%S			100			100	100	100					100	100			100	100			100	100								100		100							
		Total drug test [n]			[1]			[1]	[1]	[1]					[1]	[1]			[1]	[1]			[1]	[1]								[1]		[1]							
		S			1			1	1	1					1	1			1	1			1	1								1		1							
<i>Acinetobacter ursingii</i>	3	%S			100			33.3	33.3	33.3					100	100			100	100			100	100								100		100							
		Total drug test [n]			[3]			[3]	[3]	[3]					[3]	[3]			[3]	[3]			[3]	[3]								[3]		[3]							
		S			3			1	1	1					3	3			3	3			3	3								3		3							
<i>Aeromonas spp.</i>	1	%S						100	100	100		0.0							100	100												100									
		Total drug test [n]						[1]	[1]	[1]		[1]							[1]	[1]												[1]									
		S						1	1	1		0							1	1												1									
<i>Citrobacter koseri</i>	1	%S		0.0	100	100			100	100	100		100		100	100	100			100	100			100	100							100		100							
		Total drug test [n]		[1]	[1]	[1]			[1]	[1]	[1]		[1]		[1]	[1]	[1]			[1]	[1]			[1]	[1]							[1]		[1]							
		S		0	1	1			1	1	1		1		1	1	1			1	1			1	1							1		1							
<i>Cupriavidus pauculus</i>	1	%S			100			100	100	100	100				100	0.0			100	100			100	0.0		0.0							100								
		Total drug test [n]			[1]			[1]	[1]	[1]	[1]					[1]	[1]			[1]	[1]			[1]	[1]		[1]					[1]									
		S			1			1	1	1	1				1	0			1	1			1	0		0						1									
<i>Enterobacter cloacae complex</i>	8	%S		0.0	12.5	100			100	100	100		0.0		100	100	100			87.5	87.5			100	100							87.5		75.0							
		Total drug test [n]		[8]	[8]	[8]			[8]	[8]	[8]		[8]		[8]	[8]	[8]			[8]	[8]			[8]	[8]							[8]		[8]							
		S		0	1	8			8	8	8		0		8	8	8			7	7			8	8							7		6							
<i>Escherichia coli</i>	30	%S		24.1	86.7	86.7			76.7	86.7	76.7		96.7		100	100	100	0.0		76.7	80.0			100	75.9							56.7		53.6							
		Total drug test [n]		[29]	[30]	[30]			[30]	[30]	[30]		[30]		[29]	[30]	[30]	[1]		[30]	[30]			[30]	[29]							[30]		[28]							
		S		7	26	26			23	26	23		29		29	30	30	0		23	24			30	22							17		15							
<i>Haemophilus influenzae</i>	1	%S		0.0							100									100												100	0.0	100					100	0.0	
		Total drug test [n]		[1]							[1]									[1]												[1]	[1]	[1]				[1]	[1]		
		S		0							1									1												1	0	1				1	0		
<i>Klebsiella aerogenes</i>	2	%S		0.0	0.0	100			100	100	100		0.0		100	100	100			100	100			100	100							100		100							
		Total drug test [n]		[2]	[2]	[2]			[2]	[2]	[2]		[2]		[2]	[2]	[2]			[2]	[2]			[2]	[2]							[2]		[2]							
		S		0	0	2			2	2	2		0		2	2	2			2	2			2	2							2		2							
<i>Klebsiella pneumoniae</i>	64	%S		0.0	85.9	98.4			84.4	92.2	84.4		92.2		98.4	98.4	98.4	100		92.2	92.2			100	93.8							76.6		74.6							
		Total drug test [n]		[64]	[64]	[64]			[64]	[64]	[64]		[64]		[64]	[64]	[64]	[1]		[64]	[64]			[64]	[64]							[64]		[64]							
		S		0	55	63			54	59	54		59		63	63	63	1		59	59			64	60							49		47							

Percentage of susceptible Organisms Isolated From Sputum Specimen, Soidao hospital, October 2024 - September 2025

Organisms	Total First Isolate		BETA-LACTAMS											CARBAPENEMS				P	QUINOLONES				A			F	G	MISCELLANEOUS													
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Gentamicin 500 ug/ml	Netilmicin	Moxifloxacin	Vancomycin	Teicoplanin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline	Daptomycin	Linezolid	Rifampin	Azithromycin	Tigecycline
Proteus mirabilis	1	%S	100	100	100			100	100	100		100		100	100	100			100	100			100	100									100		100						
		Total drug test [n]	[1]	[1]	[1]			[1]	[1]	[1]		[1]		[1]	[1]	[1]			[1]	[1]			[1]	[1]								[1]		[1]							
		S	1	1	1			1	1	1		1		1	1	1			1	1			1	1								1		1							
Providencia stuartii	1	%S	0.0	0.0	100			100	100	100		0.0		100	100	100			100	100			100	0.0									0.0		0.0						
		Total drug test [n]	[1]	[1]	[1]			[1]	[1]	[1]		[1]		[1]	[1]	[1]			[1]	[1]			[1]	[1]								[1]		[1]							
		S	0	0	1			1	1	1		0		1	1	1			1	1			1	0								0		0							
Pseudomonas aeruginosa	43	%S				97.7				97.7				95.3	95.3			100	100																						
		Total drug test [n]				[43]				[43]				[43]	[43]			[43]	[43]																						
		S				42				42				41	41			43	43																						
Pseudomonas mosselii	1	%S				0.0				100		100			100	100			100	100			100	100		100															
		Total drug test [n]				[1]				[1]		[1]		[1]	[1]			[1]	[1]				[1]	[1]		[1]															
		S				0				1		1		1	1			1	1				1	1		1															
Pseudomonas spp.	1	%S				100				100		100			100	100			100	100			100	100		100															
		Total drug test [n]				[1]				[1]		[1]		[1]	[1]			[1]	[1]				[1]	[1]		[1]															
		S				1				1		1		1	1			1	1				1	1		1															
Serratia marcescens	1	%S	0.0	0.0	100				100	100	100		0.0		100	100	100			100	100			100	100									100		0.0					
		Total drug test [n]	[1]	[1]	[1]				[1]	[1]	[1]		[1]		[1]	[1]	[1]			[1]	[1]			[1]	[1]									[1]		[1]					
		S	0	0	1				1	1	1		0		1	1	1			1	1			1	1									1		0					
Staphylococcus aureus	12	%S	25.0										91.7						91.7					90.9							91.7	91.7	100	100	33.3	90.9					
		Total drug test [n]	[12]											[12]					[12]					[11]								[12]	[12]	[12]	[12]	[12]	[11]				
		S	3											11					11					10							11	11	12	12	4	10					
Stenotrophomonas maltophilia	5	%S																	100															100							
		Total drug test [n]																		[5]															[5]						
		S																		5															5						

Percentage of susceptible Organisms Isolated From Sputum Specimen, Soidao hospital, October 2024 - September 2025

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS		P	QUINOLONES			A		F	G	MISCELLANEOUS																		
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Gentamicin 500 ug/ml	Netilmicin	Moxifloxacin	Vancomycin	Teicoplanin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline	Daptomycin	Linezolid	Rifampin	Azithromycin	Tigecycline
Streptococcus pneumoniae	4	%S	0.0																100								100			50.0	50.0	50.0	25.0	33.3	50.0						
		Total drug test [n]	[1]																	[4]							[4]		[4]	[4]	[4]	[4]	[3]	[4]							
		S	0																	4							4		2	2	2	1	1	2							

First Isolate : เชื้อที่แยกหรือเพาะได้ ตัวแรกของสปีชีส์เดียวกันในช่วงเวลาที่กำหนดการ วิเคราะห์ข้อมูล โดยไม่คำนึงถึงชนิดของตัวอย่างหรือตำแหน่งที่เก็บตัวอย่าง

%S : เปอร์เซ็นต์ของจำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S

Total drug test (n) : จำนวนเชื้อทั้งหมดที่นำไปทดสอบความไวในยาแต่ละชนิด

S : จำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S

Total First Isolate : จำนวน First Isolations ของเชื้อทั้งหมดที่แยกได้จากตัวอย่าง

P : POLY MYXINS
G : GLYCOPEPTIDES
A : AMINOGLYCOSIDES
F : FLUOROQUINOLONE

Data : calculate from First isolation

* Norfloxacin for Urine sample only

% susceptible =	≥90	80-89	70-79	50-69	<50

Stool Specimen

Percentage of susceptible Organisms Isolated From Stool Specimen, Soidao hospital, October 2024 - September 2025

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS	P	QUINOLONES			A		F	G	MISCELLANEOUS																			
			Penicillin	Ampicillin	Amoxicillin - Clavulanate		Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Gentamicin 500 ug/ml	Netilmicin	Moxifloxacin	Vancomycin	Teicoplanin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline	Daptomycin	Linezolid	Rifampin	Azithromycin
Salmonella group B	1	%S		100																100	100																				
		Total drug test [n]		[1]																	[1]	[1]																			
		S		1																	1	1																			
Vibrio parahaemolyticus	1	%S		100				100	100			100								100	100																				
		Total drug test [n]		[1]				[1]	[1]			[1]									[1]	[1]																			
		S		1				1	1			1									1	1																			

First Isolate : เชื้อที่แยกหรือเพาะได้ ตัวแรกของสปีชีส์เดียวกันในช่วงเวลาที่กำหนดการ วิเคราะห์ข้อมูล โดยไม่คำนึงถึงชนิดของตัวอย่างหรือตำแหน่งที่เก็บตัวอย่าง

%S : เปอร์เซนต์ของจำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S

Total drug test (n) : จำนวนเชื้อทั้งหมดที่นำไปทดสอบความไวในยาแต่ละชนิด

S : จำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S

Total First Isolate : จำนวน First Isolations ของเชื้อทั้งหมดที่แยกได้จากตัวอย่าง

P : POLY MYXINS
G : GLYCOPEPTIDES
A : AMINOGLYCOSIDES
F : FLUOROQUINOLONE

Data : calculate from First isolation

* Norfloxacin for Urine sample only

% susceptible =					
	≥90	80-89	70-79	50-69	<50

Urine Specimen

Percentage of susceptible Organisms Isolated From Urine Specimen, Soidao hospital, October 2024 - September 2025

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS		P	QUINOLONES		A		F	G	MISCELLANEOUS																			
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofoxacin	Amikacin	Gentamicin	Gentamicin 500 ug/ml	Netilmicin	Moxifloxacin	Vancomycin	Teicoplanin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline	Daptomycin	Linezolid	Rifampin	Azithromycin	Tigecycline
<i>Acinetobacter baumannii</i>	2	%S			100		50.0	100	50.0					100	100			100	100			100	100									100		100							
		Total drug test [n]			[2]		[2]	[2]	[2]					[2]	[2]			[2]	[2]			[2]	[2]			[2]					[2]		[2]								
		S			2		1	2	1					2	2			2	2			2	2			2					2		2								
<i>Acinetobacter johnsonii</i>	1	%S			0.0		0.0	0.0	0.0					0.0	0.0			0.0	0.0			100	0.0									0.0		100							
		Total drug test [n]			[1]		[1]	[1]	[1]					[1]	[1]			[1]	[1]			[1]	[1]			[1]					[1]		[1]								
		S			0		0	0	0					0	0			0	0			1	0			1					0		1								
<i>Citrobacter koseri</i>	1	%S		0.0	100	100		100	100	100		100		100	100	100			100	100	100		100	100								100		0.0							
		Total drug test [n]		[1]	[1]	[1]		[1]	[1]	[1]		[1]		[1]	[1]	[1]			[1]	[1]	[1]		[1]	[1]							[1]		[1]								
		S		0	1	1		1	1	1		1		1	1	1			1	1	1		1	1							1		0								
<i>Enterobacter cloacae complex</i>	1	%S		0.0	0.0	100		100	100	100		0.0		100	100	100			100	100	100		100	0.0								0.0		0.0							
		Total drug test [n]		[1]	[1]	[1]		[1]	[1]	[1]		[1]		[1]	[1]	[1]			[1]	[1]	[1]		[1]	[1]							[1]		[1]								
		S		0	0	1		1	1	1		0		1	1	1			1	1	1		1	0							0		0								
<i>Enterococcus faecalis</i>	13	%S	61.5	84.6														69.2	53.8	53.8							100				50.0	50.0		0.0	30.8						
		Total drug test [n]	[13]	[13]															[13]	[13]	[13]						[13]			[2]	[2]		[13]	[13]							
		S	8	11															9	7	7						13			1	1		0	4							
<i>Enterococcus faecium</i>	8	%S	0.0	0.0														0.0	0.0	0.0						100				0.0	100		25.0	50.0							
		Total drug test [n]	[8]	[8]															[7]	[8]	[8]						[8]			[1]	[1]		[8]	[8]							
		S	0	0															0	0	0						8			0	1		2	4							
<i>Escherichia coli</i>	151	%S	13.7	85.4	98.0	100		61.6	84.1	61.6		84.5		98.0	98.7	98.7	100		55.3	56.0	56.2		98.7	81.8		100						58.9		40.0		100	100				
		Total drug test [n]	[146]	[151]	[150]	[1]		[151]	[151]	[151]		[148]		[151]	[151]	[150]	[1]		[150]	[150]	[146]		[151]	[143]		[1]						[151]		[140]		[1]	[1]				
		S	20	129	147	1		93	127	93		125		148	149	148	1		83	84	82		149	117		1						89		56		1	1				
<i>Klebsiella pneumoniae</i>	18	%S	0.0	76.5	100			83.3	83.3	83.3		77.8		100	100	100			72.2	72.2	70.6		100	82.4								66.7		58.8							
		Total drug test [n]	[18]	[17]	[18]			[18]	[18]	[18]		[18]		[18]	[18]	[18]			[18]	[18]	[17]		[18]	[17]								[18]		[17]							
		S	0	13	18			15	15	15		14		18	18	18			13	13	12		18	14							12		10								
<i>Morganella morganii</i>	4	%S	0.0	0.0	100			75.0	75.0	75.0		0.0		100	100	100			100	100	100		100	100								100		50.0							
		Total drug test [n]	[4]	[4]	[4]			[4]	[4]	[4]		[4]		[4]	[4]	[4]			[4]	[4]	[4]		[4]	[4]								[4]		[4]							
		S	0	0	4			3	3	3		0		4	4	4			4	4	4		4	4								4		2							
<i>Ochrobactrum intermedium</i>	1	%S			0.0			0.0	0.0	0.0	0.0				100	100			100	100		100	100		0.0							100									
		Total drug test [n]			[1]			[1]	[1]	[1]	[1]				[1]	[1]			[1]	[1]			[1]	[1]		[1]						[1]									
		S			0			0	0	0	0				1	1			1	1			1	1		0						1									
<i>Proteus hauseri</i>	1	%S		0.0	100	100			100	100	100		100		100	100	100			100	100	100		100	100							0.0		0.0							
		Total drug test [n]		[1]	[1]	[1]			[1]	[1]	[1]		[1]		[1]	[1]	[1]			[1]	[1]	[1]		[1]	[1]							[1]		[1]							
		S		0	1	1			1	1	1		1		1	1	1			1	1	1		1	1							0		0							

Percentage of susceptible Organisms Isolated From Urine Specimen, Soidao hospital, October 2024 - September 2025

Organisms	Total First Isolate		BETA-LACTAMS											CARBAPENEMS				P	QUINOLONES				A		F	G	MISCELLANEOUS																	
			Penicillin	Ampicillin	Amoxicillin - Clavulanate		Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Gentamicin 500 ug/ml	Netilmicin	Moxifloxacin	Vancomycin	Teicoplanin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline	Daptomycin	Linezolid	Rifampin	Azithromycin	Tigecycline	Ampicillin - sulbactam	
			%S																																									
<i>Proteus mirabilis</i>	10	Total drug test [n]	30.0	90.0	100			80.0	100	80.0		90.0		100	100	100			66.7	80.0	90.0		100	80.0						100			40.0		20.0									
		S	3	9	10			8	10	8		9		10	10	10			6	8	9		10	8						1		4		2										
<i>Proteus vulgaris</i>	1	Total drug test [n]	0.0	100	100			100	100	100		100		100	100	100			100	100	100		100	100								100		100										
		S	0	1	1			1	1	1		1		1	1	1			1	1	1		1	1								1		1										
<i>Providencia rettgeri</i>	1	Total drug test [n]	100	100	100			100	100	100		100		100	100	100			100	100	100		100	100								100		0.0										
		S	1	1	1			1	1	1		1		1	1	1			1	1	1		1	1								1		0										
<i>Providencia stuartii</i>	1	Total drug test [n]	0.0	0.0	100			100	100	100		100		100	100	100			100	100	100		100	100								100		0.0										
		S	0	0	1			1	1	1		1		1	1	1			1	1	1		1	1								1		0										
<i>Pseudomonas aeruginosa</i>	10	Total drug test [n]			100				100						100	100			90.0	90.0	90.0		100																					
		S			10				10						10	10			10	10	10		10																					
<i>Pseudomonas putida</i>	1	Total drug test [n]			0.0				0.0		0.0				0.0	0.0			0.0				0.0	0.0		100																		
		S			0				0		0				0	0			0				0	0		1																		
<i>Serratia marcescens</i>	1	Total drug test [n]	0.0	0.0	100			100	100	100		100		100	100	100			100	100	100		100	100								100		100										
		S	0	0	1			1	1	1		1		1	1	1			1	1	1		1	1								1		1										
<i>Serratia nematodiphila</i>	1	Total drug test [n]	0.0	100	100			100	100	100		100		100	100	100			100	100	100		100	100								100		0.0										
		S	0	1	1			1	1	1		1		1	1	1			1	1	1		1	1								1		0										
<i>Staphylococcus aureus</i>	7	Total drug test [n]	28.6									85.7							100		100		100							100		100	57.1	57.1										
		S	2									6						7		7		7		7						1		7	4	4										
<i>Staphylococcus caprae</i>	1	Total drug test [n]	100									100							100		100		100									100	100	100										
		S	1									1						1		1		1		1								1	1	1										
<i>Staphylococcus coagulase negative</i>	1	Total drug test [n]	0.0									0.0							0.0		0.0		100									100	100	100										
		S	0									0						0		0		1		1								1	1	1										

Percentage of susceptible Organisms Isolated From Urine Specimen, Soidao hospital, October 2024 - September 2025

Organisms	Total First Isolate		BETA-LACTAMS											CARBAPENEMS				P	QUINOLONES				A			F	G	MISCELLANEOUS														
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Gentamicin 500 ug/ml	Netilmicin	Moxifloxacin	Vancomycin	Teicoplanin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline	Daptomycin	Linezolid	Rifampin	Azithromycin	Tigecycline	Ampicillin - sulbactam
Staphylococcus cohnii	1	%S	100									100						100					100						100	100	100	100	100	100								
		Total drug test [n]	[1]										[1]						[1]					[1]					[1]	[1]	[1]	[1]	[1]	[1]								
		S	1										1						1					1					1	1	1	1	1	1								
Staphylococcus haemolyticus	4	%S	0.0									50.0						75.0		66.7			100						0.0	0.0	100	50.0	50.0	100	0.0							
		Total drug test [n]	[4]										[4]						[4]		[3]			[4]					[1]	[1]	[1]	[4]	[4]	[3]	[1]							
		S	0										2						3		2			4					0	0	1	2	2	3	0							
Staphylococcus saprophyticus	2	%S	50.0									100						100		100			100									100	100	100								
		Total drug test [n]	[2]										[2]						[2]		[2]			[2]								[2]	[2]	[2]								
		S	1										2						2		2			2								2	2	2								
Stenotrophomonas maltophilia	2	%S																	100													100										
		Total drug test [n]																	[2]													[2]										
		S																	2													2										
Streptococcus agalactiae	4	%S	75.0	100				100		100									100							100								33.3								
		Total drug test [n]	[4]	[4]				[4]		[4]										[4]						[4]								[3]								
		S	3	4				4		4										4						4							1									
Streptococcus gallolyticus	1	%S						100		100									100							100								0.0								
		Total drug test [n]						[1]		[1]									[1]							[1]							[1]									
		S						1		1									1							1							0									
Streptococcus viridans	1	%S	0.0	0.0				0.0		0.0									0.0							0.0		0.0	0.0													
		Total drug test [n]	[1]	[1]				[1]		[1]										[1]						[1]		[1]	[1]													
		S	0	0				0		0										0						0		0	0													

First Isolate : เชื้อที่แยกหรือเพาะได้ ตัวแรกของสปีชีส์เดียวกันในช่วงเวลาที่กำหนดการ วิเคราะห์ข้อมูล โดยไม่คำนึงถึงชนิดของตัวอย่างหรือตำแหน่งที่เก็บตัวอย่าง

%S : เปอร์เซ็นต์ของจำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S

Total drug test (n) : จำนวนเชื้อทั้งหมดที่นำไปทดสอบความไวในยาแต่ละชนิด

S : จำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S

Total First Isolate : จำนวน First Isolations ของเชื้อทั้งหมดที่แยกได้จากตัวอย่าง

P : POLY MYXINS

G : GLYCOPEPTIDES

A : AMINOGLYCOSIDES

F : FLUOROQUINOLONE

Data : calculate from First isolation

* Norfloxacin for Urine sample only

% susceptible =	≥90	80-89	70-79	50-69	<50
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