

York Hospital Antibigram 2018 - Inpatient

Antibiogram represents organisms isolated from Jan to Dec 2018 and was prepared by members of the Departments of Microbiology and Pharmacy

Name	Gram Negative										Gram Positive					
	Citrobacter freundii complex	Enterobacter aerogenes	Enterobacter cloacae complex	Escherichia coli	Klebsiella pneumoniae	Morganella morganii	Proteus mirabilis	Pseudomonas aeruginosa	Serratia marcescens	Stenotrophomonas maltophilia	Enterococcus faecalis	Enterococcus faecium	Staph aureus, Methicillin RESISTANT	Staph aureus, Methicillin SUSCEPTIBLE	Staph sp. Coagulase Negative	Streptococcus pneumoniae
Isolates	70	65	139	2102	612	62	269	361	71	36	537	94	343	565	254	47
Amikacin	100	100	100	100	100	100	100	100	100							
Amox/Clav		2		88	91		99							100		97
Ampicillin		50		58	100		78				99	28				100
AMP/SBM		3		65	82	10	89							100	46	
Aztreonam	89	74	81	94	87	85	96	78	96							
Cefazolin				86	89		92							100	46	
Cefepime	100	100	93	93	93	98	97	97	100							98
Cefotetan		2		100	98	98	100									
Cefoxitin				95	92	77	100									
Ceftazidime	89	89	78	93	92	84	97	97	97	36						
Ceftriaxone	87	89	77	92	92	98	97		97							98
Cefuroxime		2		88	85		97									90
Ciprofloxacin	96	100	95	80	93	84	71	83	97		69	15	18	85	62	
Clindamycin													59	82	63	85
Daptomycin											100	100	100	100	100	
Ertapenem	100	100	96	100	98	100	100		100							
Erythromycin													12	70	42	62
Gentamicin	99	100	98	93	98	94	90	88	100				98	99	85	
Gent Syn											80	96				
Imipenem	100	100	99	100	98	100	100	92	100							
Levofloxacin	97	100	98	81	95	85	78	82	99	86	78	15	18	87	62	94
Linezolid											96	91	100	100		
Meropenem	100	100	99	100	98	100	100	93	100							92
Nitrofurantoin	100	22	18	97	38		100				99	26	97	100	99	
Oxacillin														100	46	83
Penicillin											99	28				98
Pip/Tazo	100	94	81	99	94	100	100	93	93							
Tetracycline	90	94	87	79	84	39			7		25	26	90	94	82	88
Tobramycin	97	100	96	93	95	98	90	94	90							
TMP/SMX	91	98	92	80	89	79	71		99	97			97	99	68	85
Vancomycin											94	50	100	100	100	100

* Antimicrobial susceptibility testing performed according to the guidelines set forth in: (1) Clinical Laboratory Standards Institute (CLSI). Performance standards for antimicrobial disk susceptibility tests; approved standard-thirteenth addition. M2-A13, Vol. 38, No. 1. January 2018; (2) CLSI. Methods for dilution antimicrobial susceptibility tests for bacteria that grow aerobically; approved standard-eleventh edition. M7-A11, Vol. 38, No. 2, January 2018; and (3) CLSI. Performance Standards for Antimicrobial Susceptibility Testing; Twenty-Eighth Informational Supplement. M100-

York Hospital Antibigram 2018 - ICU Only

Antibiogram represents organisms isolated from Jan to Dec 2018 and was prepared by members of the Departments of Microbiology and Pharmacy

Name	Gram Negative			Gram Positive		
	Escherichia coli	Klebsiella pneumoniae	Pseudomonas aeruginosa	Enterococcus faecalis	Staphylococcus aureus, Methicillin RESIS	Staphylococcus aureus, Methicillin SUSC
(%) Susceptibility Color Key: Green: ≥85% Yellow: 70-84% Red: <70%						
Based on CLSI recommendations only organisms with at least 30 isolates are reported. Susceptibility for additional organisms can be obtained from the Microbiology Department.						
Isolates	95	66	60	35	56	100
Amikacin	100	100	100			
Amox/Clav	89	80				100
Ampicillin	55			100		
AMP/SBM	61	74				100
Aztreonam	83	76	70			
Cefazolin	81	79				100
Cefepime	89	83	98			
Cefotetan	99	92				
Cefoxitin	95	87				
Ceftazidime	88	83	95			
Ceftriaxone	88	83				
Cefuroxime	84	77				
Ciprofloxacin	75	82	82	79	9	87
Clindamycin					61	86
Daptomycin				100	100	100
Ertapenem	100	88				
Erythromycin					9	75
Gentamicin	93	95	85		96	99
Gent Syn				80		
Imipenem	100	89	88			
Levofloxacin	77	85	80	92	11	88
Linezolid				100	100	100
Meropenem	100	88	90			
Nitrofurantoin	96	46		96		100
Oxacillin						100
Penicillin				100		
Pip/Tazo	97	83	92			
Tetracycline	73	86		42	96	97
Tobramycin	93	86	92			
TMP/SMX	81	80			91	100
Vancomycin				97	100	100

* Antimicrobial susceptibility testing performed according to the guidelines set forth in: (1) Clinical Laboratory Standards Institute (CLSI). Performance standards for antimicrobial disk susceptibility tests; approved standard-thirteenth addition. M2-A13, Vol. 38, No. 1, January 2018; (2) CLSI. Methods for dilution antimicrobial susceptibility tests for bacteria that grow aerobically; approved standard-eleventh edition. M7-A11, Vol. 38, No. 2, January 2018; and (3) CLSI. Performance Standards for Antimicrobial Susceptibility Testing; Twenty-Eighth Informational Supplement. M100-S28, Vol. 38, No. 1, January 2018.

York Hospital Antibigram 2018 - Outpatient

Antibiogram represents organisms isolated from Jan to Dec 2018 and was prepared by members of the Departments of Microbiology and Pharmacy

Name	Gram Negative									Gram Positive			
	Citrobacter freundii complex	Enterobacter aerogenes	Enterobacter cloacae complex	Escherichia coli	Klebsiella pneumoniae	Morganella morganii	Proteus mirabilis	Pseudomonas aeruginosa	Serratia marcescens	Enterococcus faecalis	Staph aureus, Methicillin RESISTANT	Staph aureus, Methicillin SUSCEPTIBLE	Staph sp. Coagulase Negative
Isolates	65	57	77	3652	598	32	225	154	36	387	188	342	192
Amikacin	100	100	100	100	100	100	100	100	100				
Amox/Clav				91	95		99						
Ampicillin				63			87			100			
AMP/SBM				68	87	19	92		3	100		100	61
Aztreonam	50	100	85	88	93	90	95	87	100				
Cefazolin				90	95		93					100	61
Cefepime	100	100	96	97	98	100	98	99	100				
Cefotetan				100	100	97	100						
Cefoxitin				97	95	88	99						
Cefpodoxime					100				100				
Ceftazidime	86	95	88	97	98	94	98	100	94				
Ceftriaxone	86	91	88	97	98	100	98	50	100				
Cefuroxime				93	94		98						
Ciprofloxacin	95	100	96	87	98	88	84	90	100	81	21	87	68
Clindamycin											77	77	85
Daptomycin										100	100	100	100
Ertapenem	100	100	100	100	100	100	100		100				
Erythromycin											11	61	75
Gentamicin	94	100	99	94	99	88	92	88	100		96	99	94
Gent Syn										89			
Imipenem	100	100	100	100	100	100	100	94	100				
Levofloxacin	100	100	99	88	99	94	91	88	100	91	22	90	68
Linezolid										98	100	100	100
Meropenem	100	100	100	100	100	100	100	95	100				
Nitrofurantoin	98	18	19	98	35					100	100	100	100
Oxacillin												100	61
Penicillin										100			
Pip/Tazo	98	96	88	99	97	94	100	99	97				
Tetracycline	88	95	90	81	84	50		100	3	22	97	94	82
Tobramycin	94	100	97	94	98	94	92	97	92				
TMP/SMX	86	100	91	83	92	75	80	100	97		98	100	68
Vancomycin										98	100	100	100

* Antimicrobial susceptibility testing performed according to the guidelines set forth in: (1) Clinical Laboratory Standards Institute (CLSI). Performance standards for antimicrobial disk susceptibility tests; approved standard-thirteenth addition. M2-A13, Vol. 38, No. 1, January 2018; (2) CLSI. Methods for dilution antimicrobial susceptibility tests for bacteria that grow aerobically; approved standard-eleventh edition. M7-A11, Vol. 38, No. 2, January 2018; and (3) CLSI. Performance Standards for Antimicrobial Susceptibility Testing; Twenty-Eighth Informational Supplement. M100-S28, Vol. 38, No. 1, January 2018.

York Hospital Antibigram 2018 - Blood Isolates Only

(%) Susceptibility Color Key: Green: ≥85% Yellow: 70-84% Red: <70% Based on CLSI recommendations only organisms with at least 30 isolates are reported. Susceptibility for additional organisms can be obtained from the Microbiology Department.	Gram Negative			Gram Positive			
	Escherichia coli	Klebsiella pneumoniae	Pseudomonas aeruginosa	Enterococcus faecalis	Staph aureus, Methicillin RESISTANT	Staph aureus, Methicillin SUSCEPTIBLE	Staph sp. Coagulase Negative
Name							
Isolates	229	60	30	42	78	125	77
Amikacin	100	100	100				
Ampicillin	58			98			
AMP/SBM	63	88				100	45
Aztreonam	94	93	80				
Cefazolin	89	92				100	45
Cefepime	95	93	100				
Cefotetan	100	96					
Cefoxitin	96	91					
Ceftazidime	95	93	100				
Ceftriaxone	95	93					
Cefuroxime	91	87					
Ciprofloxacin	89	93	90		23	89	58
Clindamycin					55	85	62
Daptomycin				100	100	100	100
Ertapenem	100	97					
Erythromycin					6	72	36
Gentamicin	91	98	90		100	99	86
Gent Syn				86			
Imipenem	100	97	100				
Levofloxacin	89	95	87		23	90	58
Linezolid				98	100	100	
Meropenem	100	97	97				
Oxacillin						100	45
Penicillin				98			
Pip/Tazo	100	97	90				
Tetracycline	83	88			91	94	87
Tobramycin	93	97	93				
TMP/SMX	82	92			97	99	70
Vancomycin				88	100	100	100

* Antimicrobial susceptibility testing performed according to the guidelines set forth in: (1) Clinical Laboratory Standards Institute (CLSI). Performance standards for antimicrobial disk susceptibility testing: approved standard thirty-seventh edition. M42-A12. Vol. 30. No. 1. January 2010; (2) CLSI

York Hospital Antibigram 2018 - Respiratory Isolates Only

Antibiogram represents organisms isolated from Jan to Dec 2018 and was prepared by members of the Departments of Microbiology and Pharmacy

(%) Susceptibility Color Key: Green: ≥85% Yellow: 70-84% Red: <70% Based on CLSI recommendations only organisms with at least 30 isolates are reported. Susceptibility for additional organisms can be obtained from the Microbiology Department.	Gram Negative		Gram Positive		
	Klebsiella pneumoniae	Pseudomonas aeruginosa	Staph aureus, Methicillin RESISTANT	Staph aureus, Methicillin SUSCEPTIBLE	Strep pneumoniae
Name					
Isolates	46	101	71	117	30
Amikacin	100	100			
Amox/Clav	67				100
Ampicillin					100
AMP/SBM	57			100	
Aztreonam	63	68			
Cefazolin	59			100	
Cefepime	63	94			100
Cefotetan	88				
Cefoxitin	73				
Ceftazidime	63	93			
Ceftriaxone	63	50			100
Cefuroxime	48				88
Ciprofloxacin	63	75	7	89	
Clindamycin			55	85	90
Ertapenem	80				
Erythromycin			7	75	63
Gentamicin	91	82	97	100	
Imipenem	83	86			
Levofloxacin	70	74	8	89	90
Linezolid			100	100	
Meropenem	80	88			92
Oxacillin				100	75
Penicillin					100
Pip/Tazo	70	89			
Tetracycline	78	50	93	97	90
Tobramycin	74	92			
TMP/SMX	65	50	93	100	79
Vancomycin			100	100	100

* Antimicrobial susceptibility testing performed according to the guidelines set forth in: (1) Clinical Laboratory Standards Institute (CLSI). Performance standards for antimicrobial disk susceptibility tests; approved standard-thirteenth addition. M2-A13, Vol. 38, No. 1, January 2018; (2) CLSI. Methods for dilution antimicrobial susceptibility tests for bacteria that grow aerobically; approved standard-eleventh edition. M7-A11, Vol. 38, No. 2, January 2018; and (3) CLSI. Performance Standards for Antimicrobial Susceptibility Testing; Twenty-Eighth Informational Supplement. M100-S28, Vol. 38, No. 1, January 2018.

York Hospital Antibigram 2018 - Urine Isolates

Antibiogram represents organisms isolated from Jan to Dec 2018 and was prepared by members of the Departments of Microbiology and Pharmacy

Name	Gram Negative									Gram Positive			
	Citrobacter freundii complex	Enterobacter aerogenes	Enterobacter cloacae complex	Escherichia coli	Klebsiella pneumoniae	Morganella morganii	Proteus mirabilis	Pseudomonas aeruginosa	Serratia marcescens	Enterococcus faecalis	Enterococcus faecium	Staph aureus, Methicillin RESISTANT	Staph aureus, Methicillin SUSCEPTIBLE
(%) Susceptibility Color Key: Green: >85% Yellow: 70-84% Red: <70% Based on CLSI recommendations only organisms with at least 30 isolates are reported. Susceptibility for additional organisms can be obtained from the Microbiology Department.													
Isolates	113	105	117	5233	1018	51	384	252	45	707	49	56	96
Amikacin	100	100	100	100	100	100	100	100	100				
Amox/Clav		1		90	94		99						
Ampicillin		50		62	50		84			100	24		
AMP/SBM		2		67	86	16	92		2	100			100
Cefazolin				89	93		94						100
Cefepime	100	100	97	96	97	100	98	98	100				
Cefotetan		1		100	100	96	100						
Cefoxitin				96	95	78	99						
Cefpodoxime					100				100				
Ceftazidime	89	92	80	95	96	92	98	99	93				
Ceftriaxone	88	90	79	95	96	100	98		98				
Cefuroxime		1		91	92		97						
Ciprofloxacin	96	100	98	85	97	88	78	83	98	75	14	13	86
Ertapenem	100	100	99	100	100	100	100		100				
Gentamicin	96	100	98	94	98	90	91	87	100			96	99
Imipenem	100	100	100	100	100	100	100	92	100				
Levofloxacin	98	100	100	86	98	92	85	81	100	85	16	13	89
Linezolid										96	94	100	100
Meropenem	100	100	100	100	100	100	100	93	100				
Nitrofurantoin	99	19	19	98	36		100			99	35	98	100
Oxacillin													100
Penicillin										99	22		
Pip/Tazo	100	96	82	99	96	98	100	95	95				
Tetracycline	88	94	86	80	84	51		100	2	24	24	86	92
Tobramycin	95	100	98	94	97	96	91	93	87				
TMP/SMX	88	99	92	82	91	84	77	100	98			96	99
Vancomycin										96	53	100	100

* Antimicrobial susceptibility testing performed according to the guidelines set forth in: (1) Clinical Laboratory Standards Institute (CLSI). Performance standards for antimicrobial disk susceptibility tests; approved standard-thirteenth addition. M2-A13, Vol. 38, No. 1. January 2018; (2) CLSI. Methods for dilution antimicrobial susceptibility tests for bacteria that grow aerobically; approved standard-eleventh edition. M7-A11, Vol. 38, No. 2, January 2018; and (3) CLSI. Performance Standards for Antimicrobial Susceptibility Testing; Twenty-Eighth Informational Supplement. M100-S28, Vol. 38, No. 1, January 2018.