

York Hospital Antibigram 2019 - Inpatient

Antibiogram represents organisms isolated from Jan to Dec 2019 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	85	64	136	2130	539	51	252	376	74	37	496	96	352	525	337	49
Amikacin	100	100	100	100	100	100	99	99	100							
Amox/Clav				87	92		96							100	48	97
Ampicillin				57			77				99	16				
AMP/SBM				64	85	13	85							100	47	
Aztreonam	66	93	77	93	95	90	98	79	67							
Cefazolin				77	89		73							100	47	
Cefepime	94	93	88	88	90	100	94	93	95					99	49	100
Cefotaxime	71	92	77	93	94	82	96		70					100	49	100
Cefotetan				99	98	100	100									
Cefoxitin				94	92	82	99									
Ceftazidime	70	89	79	93	94	84	97	94	70	21						
Ceftriaxone	63	90	74	92	94	90	96		79					100	49	100
Cefuroxime				89	89		95									76
Ciprofloxacin	95	100	97	80	95	86	71	82	93		69	11	17	87	59	
Clindamycin													60	83	65	93
Daptomycin											92	77	100	100	100	
Ertapenem	98	100	92	99	98	100	100		100							
Erythromycin											25	3	12	68	50	60
Gentamicin	96	100	97	92	97	92	86	85	100							
Imipenem	94	65	89	99	98	47	100	89	100					99	48	
Levofloxacin	96	100	97	80	96	92	75	81	94	91	81	12	18	89	59	100
Linezolid											96	93	100	100	100	100
Meropenem	100	100	99	99	98	100	100	92	98					100	48	78
Nitrofurantoin	95	15	32	98	38						99	43	100	100	100	
Oxacillin														100	47	100
Penicillin											99	30				97
Pip/Tazo	91	92	83	96	94	100	99	91	72					100	100	
Tetracycline	88	93	89	78	86	48					29	16	85	94	75	87
Tobramycin	95	100	97	92	96	94	88	94	91							
TMP/SMX	88	100	86	80	90	88	73		98	100			90	99	72	79
Vancomycin											97	30	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

York Hospital Antibigram 2019 - ICU Only

Antibiogram represents organisms isolated from Jan to Dec 2019 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		
	Escherichia coli	Klebsiella pneumoniae	Pseudomonas aeruginosa	Enterococcus faecalis	Staph aureus, Methicillin RESISTANT	Staph aureus, Methicillin SUSCEPTIBLE
Name						
Isolates	101	33	44	40	51	98
Amikacin	100	100	97			
Amox/Clav	79	81				100
Ampicillin	64			100		
AMP/SBM	68	69				100
Aztreonam	87	84	76			
Cefazolin	70	78				100
Cefepime	88	84	88			100
Cefotaxime	92	84				100
Cefotetan	100	100				
Cefoxitin	92	93				
Ceftazidime	91	84	93			
Ceftriaxone	90	84				100
Cefuroxime	81	81				
Ciprofloxacin	72	84	75	63	13	92
Clindamycin					46	77
Daptomycin				78	100	100
Ertapenem	99	96				
Erythromycin				20	8	70
Gentamicin	93	96	81			
Imipenem	99	96	93			100
Levofloxacin	72	87	75	78	13	93
Linezolid				97	100	100
Meropenem	99	96	93			100
Nitrofurantoin	97	33		96	100	100
Oxacillin						100
Penicillin				100		
Pip/Tazo	95	84	86			100
Tetracycline	78	87		39	91	96
Tobramycin	92	87	93			
TMP/SMX	86	87			92	100
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-Ninth Informational Supplement. M100-S29, January 2019.

York Hospital Antibigram 2019 - Outpatient

Antibiogram represents organisms isolated from Jan to Dec 2019 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			
	Citrobacter freundii complex	Enterobacter aerogenes	Enterobacter cloacae complex	Escherichia coli	Klebsiella pneumoniae	Proteus mirabilis	Pseudomonas aeruginosa	Serratia marcescens	Enterococcus faecalis	Staph aureus, Methicillin RESISTANT	Staph aureus, Methicillin SUSCEPTIBLE	Staph sp. Coagulase Negative
Name												
Isolates	92	71	97	4159	636	283	156	32	392	218	338	251
Amikacin	100	100	100	100	99	100	98	100				
Amox/Clav				89	96	98					100	54
Ampicillin				64		88			99			
AMP/SBM				69	86	95					100	56
Aztreonam	84	89	96	96	97	95	85	87				
Cefazolin	1	8	2	82	90	85					100	56
Cefepime	93	92	89	89	91	93	97	93			100	54
Cefotaxime	85	91	83	96	97	98		81			100	54
Cefotetan				99	99	100						
Cefoxitin				97	93	99						
Ceftazidime	80	91	82	96	97	98	98	84				
Ceftriaxone	79	88	77	95	97	98		87			100	52
Cefuroxime				93	91	98						
Ciprofloxacin	98	97	98	88	97	86	89	93	83	21	86	65
Clindamycin										77	76	61
Daptomycin									91	100	100	100
Ertapenem	100	98	98	99	99	100		100				
Erythromycin									26	15	61	55
Gentamicin	98	98	100	94	98	93	87	100				
Imipenem	98	59	91	99	99	100	89	100			100	54
Levofloxacin	98	100	97	89	98	89	89	100	93	22	89	66
Linezolid									98	100	100	100
Meropenem	100	100	100	99	99	100	98	100			100	83
Nitrofurantoin	92	13	26	98	40				100	100	100	100
Oxacillin											100	56
Penicillin									99			
Pip/Tazo	95	94	91	97	96	100	98	81		100	100	100
Tetracycline	86	98	91	81	85			15	26	89	91	82
Tobramycin	96	100	100	95	98	93	100	93				
TMP/SMX	89	98	89	84	92	86		100		94	99	74
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-Ninth Informational Supplement. M100-S29, January 2019.

York Hospital Antibigram 2019 - Blood Isolates Only

Antibiogram represents organisms isolated from Jan to Dec 2019 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	Staph aureus, Methicillin RESISTANT	Staph aureus, Methicillin SUSCEPTIBLE	Staph sp. Coagulase Negative
(%) 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							
Isolates	232	76	33	42	76	106	109
Amikacin	100	100	100				
Amox/Clav	88	85				100	47
Ampicillin	59			100			
AMP/SBM	69	84				100	48
Aztreonam	90	88	84				
Cefazolin	76	86				100	48
Cefepime	91	88	96			98	47
Cefotaxime	89	88				100	47
Cefotetan	100	100					
Cefoxitin	94	94					
Ceftazidime	90	88	96				
Ceftriaxone	89	88				100	47
Cefuroxime	87	88					
Ciprofloxacin	82	90	84	61	21	86	50
Clindamycin					57	82	68
Daptomycin				97	100	100	100
Ertapenem	100	97					
Erythromycin				9	7	55	46
Gentamicin	89	96	93				
Imipenem	100	96	87			98	47
Levofloxacin	83	94	87	71	22	87	50
Linezolid				97	100	100	100
Meropenem	100	97	87			100	47
Oxacillin						100	48
Penicillin				100			
Pip/Tazo	96	90	93			100	100
Tetracycline	73	89		28	86	90	65
Tobramycin	88	92	96				
TMP/SMX	76	86			89	100	70
Vancomycin				97	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-Ninth Informational Supplement. M100-S29, January 2019.

York Hospital Antibigram 2019 - Respiratory Isolates Only

Antibiogram represents organisms isolated from Jan to Dec 2019 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		
	Pseudomonas aeruginosa	Staph aureus, Methicillin RESISTANT	Staph aureus, Methicillin SUSCEPTIBLE	Streptococcus pneumoniae
Name				
Isolates	93	65	113	35
Amikacin	96			
Amox/Clav			100	100
Ampicillin				
AMP/SBM			100	
Aztreonam	78			
Cefazolin			100	
Cefepime	90		100	100
Cefotaxime			100	100
Cefotetan				
Cefoxitin				
Ceftazidime	91			
Ceftriaxone			100	100
Cefuroxime				77
Ciprofloxacin	74	9	89	
Clindamycin		43	78	94
Daptomycin		100	100	
Ertapenem				
Erythromycin		10	70	58
Gentamicin	82			
Imipenem	80		100	
Levofloxacin	73	9	91	100
Linezolid		100	100	100
Meropenem	87		100	77
Oxacillin			100	100
Penicillin				96
Pip/Tazo	86		100	
Tetracycline		87	97	90
Tobramycin	91			
TMP/SMX		87	100	80
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-Ninth Informational Supplement. M100-S29, January 2019.

York Hospital Antibigram 2019 - Urine Isolates

Antibiogram represents organisms isolated from Jan to Dec 2019 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	Staph sp. Coagulase Negative
(%) 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	181	133	192	6644	1268	68	581	350	57	918	72	79	124	482
Amikacin	100	100	100	99	99	100	99	99	100				100	51
Amox/Clav				88	94		98			99	23			
Ampicillin				61			81						100	51
AMP/SBM				67	85	7	88						100	51
Aztreonam	76	91	83	95	97	76	96	86	63					
Cefazolin		6		80	89		79						100	51
Cefepime	92	93	88	88	90	91	91	95	94				100	50
Cefotaxime	80	92	82	95	97	91	97		77				100	50
Cefotetan				99	99	100	99							
Cefoxitin				96	94	82	98							
Ceftazidime	76	89	81	95	97	83	98	96	70					
Ceftriaxone	75	88	77	94	96	89	97		77				100	50
Cefuroxime				92	91		97							
Ciprofloxacin	96	98	97	85	96	83	74	84	92	73	9	11	83	59
Clindamycin														
Daptomycin										92	81	100	100	100
Ertapenem	100	98	97	99	99	100	100		100					
Erythromycin														
Gentamicin	97	99	98	93	98	92	89	85	100					
Imipenem	96	63	91	99	99	54	100	89	100				100	50
Levofloxacin	97	100	97	86	97	92	79	84	98	84	11	11	86	61
Linezolid										97	94	100	100	100
Meropenem	100	100	100	99	99	100	100	95	98					
Nitrofurantoin	93	16	29	98	38					99	30	100	100	100
Oxacillin													100	51
Penicillin										99	34			
Pip/Tazo	92	92	88	97	95	98	100	94	77				100	100
Tetracycline	85	95	90	80	85	44			7	26	25	88	90	77
Tobramycin	96	100	98	94	97	94	90	97	94					
TMP/SMX	88	99	88	83	91	79	76		100			86	98	71
Vancomycin										97	36	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-Ninth Informational Supplement. M100-S29, January 2019.