



Department of Pathology and Immunology

SECTION OF PATHOLOGY INFORMATICS

Regional Adult Antibiograms

2025

Foreword

These antibiograms summarize the susceptibility rates of bacteria isolated from clinical specimens collected during the year 2025 and processed in the microbiology laboratory at Barnes-Jewish Hospital. Only the first isolate per patient based on collection time are included in the generation of the antibiograms. Susceptibility rates are presented for organisms where there were at least 30 total tested isolates. Additional susceptibilities are presented for select organism groups as defined in the [glossary](#).

Questions regarding these antibiograms and antimicrobial susceptibility testing performed in the Microbiology Laboratory of Barnes-Jewish Hospital should be directed to:

Rebekah Dumm, PhD, D(ABMM)

dumm@wustl.edu

Table of Contents

1. [2025 Regional Adult Gram Positive Antibiogram](#)
2. [2025 Regional Adult Gram Negative Antibiogram](#)
3. [2025 Regional Adult Yeast Antibiogram](#)
4. [Glossary](#)
5. [Report Log](#)

2025 Regional Adult: Gram Positive

														# isolates											
Corynebacterium spp., not C. striatum									49			72		100			32				100	110			
Corynebacterium striatum								9				24		100			3					100	147		
Enterococcus faecalis	100	#	#	#	#	#	#		#	95	30	91		100		100	#				#	99	1937		
Enterococcus faecium	12	#	#	#	#	#	#		#	97	30	98		100		10	#				#	34	470		
Staphylococcus aureus			59	100	59					71	96	94		100			59					98	99	4111	
Staphylococcus aureus (MRSA)			0	100	0					71	96	90		100			0					96	99	1676	
Staphylococcus aureus (MSSA)			100	100	100					72	96	97		100			100					100	99	2434	
Staphylococcus aureus (VISA)			65	100	65					50	40	94		100			65					96	0	48	
Staphylococcus capitis			82			83				81	56	96		100			83					97	100	69	
Staphylococcus epidermidis			35			35				53	95	82		100			35					45	100	767	
Staphylococcus haemolyticus			24			24				31	97	71		100			24					40	100	42	
Staphylococcus hominis			45			45				75	99	78		100			45					62	100	158	
Staphylococcus intermedius group			78			78				82		73		100			78					66	100	96	
Staphylococcus lugdunensis			85			85				81	100	97		100			74					100	100	517	
Streptococcus agalactiae (Group B Streptococci)						100				40				100	100			100						100	189
Streptococcus anginosus						100				77				100	100			96						100	56
Streptococcus dysgalactiae						100				50				100	100			100						100	64
Streptococcus mitis group						98								89			68							100	105
Streptococcus pneumoniae			68					95	100	92		84		99		99					74	99	72	100	206
Streptococcus pyogenes (Group A Streptococci)						100				60				100	100			100						100	57

85-100% of isolates susceptible	■	Ampicillin
60-84% of isolates susceptible	■	Azithromycin
0-59% of isolates susceptible	■	Cefazolin
Not tested, insuff. data, or no interp. criteria	■	Cefaroline
Intrinsically Resistant	■	Ceftriaxone
		Ceftriaxone (meningitis)
		Ciprofloxacin
		Clindamycin
		Daptomycin
		Doxycycline
		High-Level Gentamicin
		Levofloxacin
		Linezolid
		Moxifloxacin
		Nitrofurantoin
		Oxacillin
		Penicillin
		Penicillin (meningitis)
		Penicillin (non-meningitis)
		Trimethoprim-Sulfamethoxazole
		Vancomycin

Data based on first isolate per patient.

Daptomycin only routinely tested on Staphylococcus isolates recovered from blood or sterile body sites.

Nitrofurantoin only indicated for uncomplicated cystitis.

Streptococcus agalactiae (Group B Streptococci), Streptococcus pyogenes (Group A Streptococci), Streptococcus dysgalactiae, and Viridans group Streptococci only routinely tested if recovered from blood or sterile body sites.

Hospitals Included: Alton Memorial Hospital, Barnes-Jewish Hospital, Christian Hospital, Memorial Hospital, Parkland Health Center, St. Louis Children's Hospital

Ages: Adult (≥18 years)

Collection Setting: Inpatient, Outpatient, and Emergency Department

2025 Regional Adult: Gram Negative

																# isolates
Achromobacter spp.	#	#	#	6	85	#	#	25				83	#		94	65
Acinetobacter calcoaceticus-baumannii complex	#	55	#	42	55			42	78			46	#	40	64	135
Acinetobacter spp., not A. calcoaceticus-baumannii complex	#	100	#	100	94			62	100	100		100	#	94	89	47
Alcaligenes faecalis				72				61				100			72	36
Citrobacter freundii complex	#	#	&	97	&	&	89	97				99	94	&	90	301
Citrobacter koseri	#	88		96	99			99	98	99		100	93	92	97	280
Enterobacter cloacae complex	#	#	&	97	&	&	90	97				98	51	&	86	781
Escherichia coli	50	54		85	96	93	89	77	91			100		94	75	10480
Escherichia coli - URINE ONLY	51			88	97	94	90	78	91			100	98	95	75	9525
Klebsiella (Enterobacter) aerogenes	#	#	&	98	&	&	95	98				98		&	95	353
Klebsiella oxytoca/Raoultella ornithinolytica	#	52		58	96	94	88	90	93			100	93	87	86	472
Klebsiella pneumoniae	#	52		84	93	89	87	81	95			99	60	84	79	2879
Klebsiella variicola	#	83		97	99	98	98	96	100			100	87	91	96	233
Morganella morganii	#	28		#	100	86	92	74	92	54		100	#	91	78	250
Proteus mirabilis	80	90		72	98	99	95	76	96	91		100	#	#	99	1795
Proteus vulgaris group	#	#		#	99	100	92	99	99			100	#	100	91	179
Providencia rettgeri	#	#		#	98	99	97	90	98			99	#	99	87	105
Providencia stuartii	#	#		#	97	88	93	43	77			98	#	91	83	104
Pseudomonas aeruginosa	#	#	80	#	95	100	94	98	#	82	89	91	#	91	96	2055
Pseudomonas aeruginosa (mucooid morphotype)	#	#	76	#	86	100	87	95	#	56	84	89	#	86	86	155
Pseudomonas putida group	#	#	#	#	91		97		#	91		77	#		17	35
Pseudomonas spp., not P.aeruginosa	#	#	#	#	92	97		#	95			73	#		49	63
Serratia marcescens	#	#	#	#	99	97	96	94	99			99	#	94	97	321
Stenotrophomonas maltophilia	#	#	#	#	100	#	#	#	#	85	#	93	#	#	95	222

85-100% of isolates susceptible	■
60-84% of isolates susceptible	■
0-59% of isolates susceptible	■
Not tested, insuff. data, or no interp. criteria	■
Intrinsically Resistant	#
Inducibly Resistant	&

Ampicillin	Ampicillin/Subbactam
Aztreonam	
Cefazolin	
Cefepime	
Cefiderocol	
Ceftazidime	
Ceftolozane/Tazobactam	
Ceftroxone	
Ciprofloxacin	
Gentamicin	
Imipenem	
Levofloxacin	
Meropenem	
Minoxycline	
Nitrofurantoin	
Piperacillin/Tazobactam	
Tobramycin	
Trimethoprim-Sulfamethoxazole	

Data based on first isolate per patient.

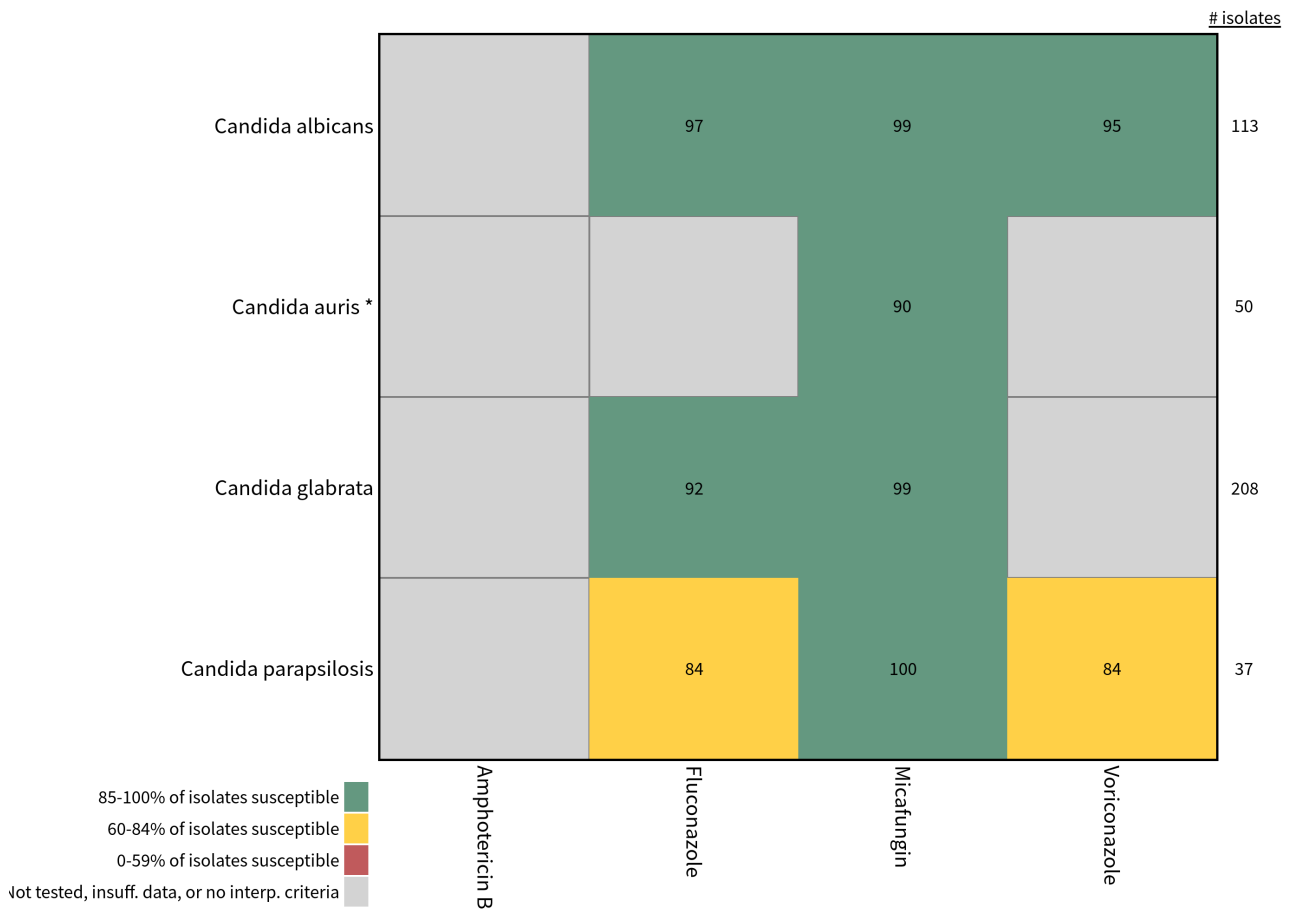
Nitrofurantoin only indicated for uncomplicated cystitis.

Hospitals Included: Alton Memorial Hospital, Barnes-Jewish Hospital, Christian Hospital, Memorial Hospital, Parkland Health Center, St. Louis Children's Hospital

Ages: Adult (≥18 years)

Collection Setting: Inpatient, Outpatient, and Emergency Department

2025 Regional Adult: Yeast



Data based on first isolate per patient.

* *Candida auris* breakpoints are based on EUCAST interpretive criteria. Only intermediate breakpoints are established for Amphotericin B, with dosing recommendations of 5 mg/kg IV q24h.

Hospitals Included: Alton Memorial Hospital, Barnes-Jewish Hospital, Christian Hospital, Memorial Hospital, Parkland Health Center, St. Louis Children's Hospital

Ages: Adult (≥ 18 years)

Collection Setting: Inpatient, Outpatient, and Emergency Department

Glossary

Abbreviations

MRSA: Methicillin resistant *Staphylococcus aureus*

MSSA: Methicillin susceptible *Staphylococcus aureus*

VISA: Vancomycin intermediate *Staphylococcus aureus*

Organism groups

Corynebacterium spp., not C. striatum: *Corynebacterium* spp., *Corynebacterium accolens*, *Corynebacterium* spp., *Corynebacterium amycolatum*, *Corynebacterium aurimucosum* / *minutissimum*, *Corynebacterium aurimucosum* / *minutissimum*, *Corynebacterium* spp., *Corynebacterium* spp., *Corynebacterium diphtheriae*, *Corynebacterium glucuronolyticum*, *Corynebacterium jeikeium* (JK Group), *Corynebacterium kroppenstedtii*, *Corynebacterium macginleyi*, *Corynebacterium* spp., *Corynebacterium* spp., *Corynebacterium propinquum/pseudodiphtheriticum*, *Corynebacterium pseudodiphtheriticum*, *Corynebacterium* spp., *Corynebacterium resistens*, *Corynebacterium* spp., *Corynebacterium tuberculostearicum*, *Corynebacterium ulcerans*, *Corynebacterium urealyticum*

Corynebacterium striatum: *Corynebacterium striatum*, *Corynebacterium striatum*, *Corynebacterium striatum*/ *simulans*

Klebsiella oxytoca/Raoultella ornithinolytica: *Klebsiella oxytoca*/*Raoultella ornithinolytica*, *Klebsiella oxytoca*/*Raoultella ornithinolytica*, *Klebsiella oxytoca*/*Raoultella ornithinolytica*

Pseudomonas aeruginosa: *Pseudomonas aeruginosa*, *Pseudomonas aeruginosa*, *Pseudomonas aeruginosa* (mucoid morphotype), *Pseudomonas aeruginosa* group

Pseudomonas spp., not P.aeruginosa: *Pseudomonas fluorescens* group, *Pseudomonas luteola*, *Pseudomonas oryzihabitans*, *Pseudomonas otitidis*, *Pseudomonas putida* group, *Pseudomonas* spp., *Pseudomonas* spp., not *Pseudomonas aeruginosa*, *Pseudomonas stutzeri*

Report Log

Report Generation Date and Time

2026-04-29 10:37

Report Generation Software

<https://github.com/WUSM-LGM-Informatics-Section/resistalytics>

v2024.0.0-20-g3c92c1c

3c92c1cad02915e095190e825c589ac836ee869c

Software Written and Maintained by

[Section of Pathology Informatics](#)

Contact Information for Support and Issues

pathinformatics@wustl.edu