

ANTIBIOGRAM – Adult Population

Percent susceptibilities (%)

Santa Clara Valley Health & Hospital System

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Analysis period: 1 January 2018- 31 December 2018

GRAM-POSITIVE ORGANISM			N° tested ¹	Strep-high	Gen-high	Gentamicin	Penicillin	Ampicillin	Oxacillin	Ceftriaxone	Vancomycin	Daptomycin ²	Linezolid	Erythromycin	Clindamycin	Ciprofloxacin	Levofloxacin	Nitrofurantoin ³	Ritampin ⁴	Tetracycline	Trim/Sulfa
OUTPATIENT	non-urine	<i>Staphylococcus aureus</i> - MRSA	113			92	0		0		100	100	100	10	69	44	46		98	87	99
		<i>Staphylococcus aureus</i>	209			98	24		100		100	100	100	67	94	88	89		100	96	100
		<i>Staphylococcus epidermidis</i>	19			81	5		48		100	100	100	33	37	62	62		100	86	71
		<i>Staphylococcus lugdunensis</i>	15			100	40		100		100	100	100	75	87	100	100		100	81	100
	urine	<i>Enterococcus faecalis</i>	76	93	75			100			98	44	97			76	87	99	64	27	
		<i>Staphylococcus aureus</i> - MRSA	8			88	0		0		100	100	100			12	25	100	100	100	100
		<i>Staphylococcus aureus</i>	31			97	34		100		100	100	100			66	68	100	100	97	100
		<i>Staphylococcus epidermidis</i>	41			84	26		70		100	100	100			68	68	100	98	82	75
INPATIENT	non-Urine	<i>Enterococcus faecalis</i>	98	88	82			100			98	48	98			83	89		52	23	
		<i>Enterococcus faecium</i> - VRE	10	60	90			0			0	0	100			0	0		0	20	
		<i>Enterococcus faecium</i>	12	100	100			69			100		83			42	50		33	50	
		<i>Staphylococcus aureus</i> - MRSA	332			96	0		0		100	100	100	12	68	36	37		100	87	97
		<i>Staphylococcus aureus</i>	513			96	29		100		100	100	100	71	96	87	88		100	94	100
		<i>Staphylococcus epidermidis</i>	59			87	10		48		98	100	100	31	59	67	70		98	84	64
		<i>Staphylococcus lugdunensis</i>	23			100	48		88		100	100	100	76	91	96	96		100	92	100
		<i>Streptococcus pneumonia</i> - meningitis	26				89.3			96.2	100										
		<i>Streptococcus pneumonia</i> - non-meningitis					100			100											
	Urine	<i>Enterococcus faecalis</i>	134	83	77			99			94	53	98			69	73	99	64	26	
		<i>Enterococcus faecium</i> - VRE	17	61	91			0			0	18	100			0	0	56	4	26	
		<i>Enterococcus faecium</i>	19	54	96			21			88	16	100			8	17	33	17	21	
		<i>Staphylococcus aureus</i> - MRSA	25			96	0		0		100	100	100			7	8	100	100	88	100
		<i>Staphylococcus aureus</i>	46			96	20		100		100	100	100			80	83	98	100	96	100
		<i>Staphylococcus epidermidis</i>	22			77	14		50		100	100	100			46	50	100	100	77	64

*Exhibits dose-dependent susceptibility; recommend using high dose

Additional notes:

1. %S is not statistically significant for <30 isolates tested; interpret with caution.
2. Do not use for respiratory infections.
3. For use with uncomplicated UTI

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GRAM-NEGATIVE ORGANISM			N° tested¹	Gentamicin	Tobramycin	Amikacin	Ampicillin	Amox/Clav	Amp/Sub	Pip/Tazo	Cefazolin	Cefuroxime	Ceftazidime	Ceftiozone	Cefepime	Cefoxitin	AcTREONAM	Ertapenem	Imipenem	Meropenem	Ciprofloxacin	Levofloxacin	Nitrofurantoin	Tetracyclin	Trim/Sulfa
OUTPATIENT	non-urine	<i>Escherichia coli</i> - ESBL	5	80	60	80	0	80	40	100	0	0	20	0	20	100	0	100	100	100	0	0		40	40
		<i>Escherichia coli</i>	24	88	92	100	38	75	38	100	79	87	88	88	96	93	92	100	100	100	83	84		75	79
		<i>Pseudomonas aeruginosa</i>	38	84	95	96				98			98		96		96		87	93	89	88			
	urine	<i>Citrobacter koseri</i> (diversus)	32	100	100	100		100	97	100	97	83	97	95	100	91	91	100	100	100	100	100	92	94	97
		<i>Klebsiella (Enterobacter) aerogenes</i>	26	100	100	100				100			96	89	100		96	100	85	100	100	100	33	93	100
		<i>Escherichia coli</i> - ESBL	200	62	54	97	0	58	26	96	0	0	18	0	3	89	5	99	100	100	21	23	94	30	39
		<i>Escherichia coli</i>	1583	91	93	100	56	89	63	99	97	97	99	99	100	98	99	100	100	100	82	83	98	72	73
		<i>Klebsiella pneumoniae</i> - ESBL	9	58	46	100		54	18	100	11	11	22	11	8	91	20	100	100	100	27	54	64	38	18
		<i>Klebsiella pneumoniae</i>	185	97	100	100		98	90	98	98	96	100	100	100	97	99	100	100	100	95	96	43	87	89
		<i>Pseudomonas aeruginosa</i>	26	93	100	100				97			96		100		94		89	94	74	73			
		<i>Proteus mirabilis</i> - ESBL	5	20	20	80	0	80	40	100	0	0	60	17	40	100	40	100		100	20	40			0
		<i>Proteus mirabilis</i>	168	91	93	100	84	98	91	100	98	99	100	99	99	99	98	99		100	89	93			83
INPATIENT	non-urine	<i>Acinetobacter baumannii</i>	19	70	90	95			80				70	47	70					74	65	65		68	74
		<i>Citrobacter koseri</i> (diversus)	17	100	100	100		94	100	100	94	94	100	100	100	94	100	100	100	100	100	100		100	100
		<i>Citrobacter freundii</i>	12	92	100	100				100			75	75	100		75	100	100	100	83	92		75	75
		<i>Klebsiella (Enterobacter) aerogenes</i>	24	100	100	100				96			87	87	100		87	100	78	100	91	96		100	100
		<i>Enterobacter cloacae</i>	57	100	100	100				82			79	72	86		74	88	100	100	98	100		91	95
		<i>Escherichia coli</i> - ESBL	62	67	56	98	0	64	21	92	3	2	13	2	4	92	5	100	100	100	23	21		32	43
		<i>Escherichia coli</i>	261	89	94	100	45	81	53	98	93	92	97	97	99	94	97	100	100	100	77	78		69	66
		<i>Klebsiella oxytoca</i>	32	100	100	100	16	97	88	94	78	91	100	94	97	97	97	100	100	100	97	100		94	94
		<i>Klebsiella pneumoniae</i> - ESBL	16	69	44	88		19	6	50	0	0	12	0	6	69	12	81	88	88	25	31		50	44
		<i>Klebsiella pneumoniae</i>	84	99	98	99		94	91	96	99	92	99	99	98	91	98	98	96	98	94	95		87	94
		<i>Morganella morganii</i>	24	76	100	100			12	100			64	80	96	100	58	100		100	56	75		38	54
		<i>Pseudomonas aeruginosa</i>	162	87	94	97				88			87		88		81		85	86	72	66			
		<i>Stenotrophomonas maltophilia</i>	18										50								100				100
		<i>Proteus mirabilis</i> - ESBL	7	0	0	86	0	86	43	100	14	14	57	0	0	100	57	100		100	0	0			0
		<i>Proteus mirabilis</i>	64	88	89	100	70	98	88	100	98	98	100	100	100	100	100	100		100	69	77			75
		<i>Serratia marcescens</i>	43	100	98	100				82			74	79	98		82	100	98	100	91	98		21	100
	urine	<i>Citrobacter koseri</i> (diversus)	25	100	100	100		96	96	100	96	76	100	100	100	92	100	100	100	100	100	100	92	100	100
		<i>Citrobacter freundii</i>	25	96	96	100				92			76	76	84		76	100	100	100	84	92	100	80	80
		<i>Klebsiella (Enterobacter) aerogenes</i>	26	100	96	100				92			80	76	100		81	100	80	100	96	96	38	92	96
		<i>Enterobacter cloacae</i>	57	98	100	100				80			66	59	86		68	88	89	100	86	91	61	86	85
		<i>Escherichia coli</i> - ESBL	192	64	58	98	0	64	28	96	2	3	19	3	7	90	7	100	100	100	24	27	95	33	48
		<i>Escherichia coli</i>	1412	92	94	100	55	87	63	98	95	95	98	98	99	97	98	100	100	100	82	82	98	72	73
		<i>Klebsiella oxytoca</i>	26	92	88	100	19	92	77	92	81	88	92	88	92	100	88	100	100	100	96	100	96	88	92
		<i>Klebsiella pneumoniae</i> - ESBL	19	59	54	100		46	14	86	5	5	16	5	14	91	10	91	96	96	18	54	32	41	32
		<i>Klebsiella pneumoniae</i>	236	99	97	100		92	86	98	96	92	98	98	98	93	97	99	99	99	93	96	42	88	93
		<i>Morganella morganii</i>	34	83	97	97			11	97			61	83	97	91	59	97		97	53	75		30	65
		<i>Pseudomonas aeruginosa</i>	123	87	94	97				85			88		87		80		80	85	68	67			
		<i>Proteus mirabilis</i> - ESBL	15	12	6	94	0	100	44	100	12	25	50	13	0	100	60	100		100	0	6			12
		<i>Proteus mirabilis</i>	160	80	82	99	72	97	89	100	96	97	99	98	98	100	97	100		100	65	72			72
		<i>Serratia marcescens</i>	20	100	100	100				90			85	85	95		85	100	95	100	85	100		40	95

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