

CDPH ASP Toolkit 2015

Example 5.3 Sutter Eden Medical Center Antibiogram 2014



Sutter Health Shared Laboratory
2950 Collier Canyon Rd.
Livermore CA 94551

Eden Medical Center 1 January-31 December 2014 Cumulative Antimicrobial Susceptibility Report* Percent Susceptible

Gram Negative Organisms	No. Strains	ESBL	Ampicillin	Ampicillin/Sulbactam	Cefazolin	Cefoxitin	Ceftazidime	Ceftaxone	Cefepime	Ciprofloxacin	Ertapenem	Gentamicin	Imipenem	Levofloxacin	Nitrofurantoin**	Piperacillin/Tazobactam	Trimethoprim/Sulfa
Citrobacter freundii	31	-	-	-	-	-	81%	81%	100%	94%	100%	94%	97%	97%	93%	-	81%
Enterobacter cloacae	54	-	-	-	-	-	72%	71%	98%	96%	91%	96%	96%	96%	35%	81%	88%
Escherichia coli	1495	10%	49%	59%	43%	86%	94%	90%	97%	72%	99%	90%	100%	72%	94%	95%	73%
Klebsiella oxytoca	35	3%	-	62%	8%	97%	97%	97%	100%	97%	100%	97%	100%	97%	87%	97%	88%
Klebsiella pneumoniae	258	12%	-	78%	46%	93%	90%	89%	97%	88%	97%	95%	98%	88%	33%	89%	86%
Morganella species	42	-	-	2%	-	43%	79%	74%	95%	48%	100%	76%	-	51%	-	95%	48%
Proteus mirabilis	230	-	65%	78%	15%	86%	94%	83%	94%	53%	100%	77%	-	57%	-	100%	59%
Providencia species	36	-	-	-	-	94%	88%	85%	97%	24%	93%	-	-	24%	-	94%	61%
Pseudomonas aeruginosa	204	-	-	-	-	-	87%	-	92%	62%	-	88%	85%	58%	-	87%	-

Note: CLSI recommends that to obtain a reasonable statistical estimate of cumulative %S rates, it is desirable to include only species with testing data for ≥ 30 isolates.

* %S for each organism/antimicrobial combination was generated by including the first isolate of that organism encountered on a given patient.

**Nitrofurantoin, data from testing urine isolates only
(-) drug not tested or drug not indicated

Acinetobacter baumannii complex†	18	-	-	-	82%	-	-	37%	-	53%	42%	-	58%	84%	42%	-	-	55%
Stenotrophomonas maltophilia†	17	-	-	-	-	-	-	-	-	-	-	-	-	-	81%	-	-	100%

† Fewer than 30 isolates indicates less statistical validity of the estimates of % S. Interpret with caution.

Gram Positive Organisms	No. Strains	Ampicillin	Cefazolin	Erythromycin	Linezolid	Levofloxacin	Nitrofurantoin	Clindamycin	Oxacillin	Penicillin	Tetracycline	Trimethoprim/Sulfa	Vancomycin
Enterococcus faecalis	37	97%	-	-	100%	57%	100%	-	-	97%	24%	-	81%
Enterococcus faecium	35	8%	-	-	100%	3%	10%	-	-	8%	17%	-	11%
Enterococcus NOS	173	95%	-	-	100%	74%	98%	-	-	96%	21%	-	99%
Methicillin resistant Staphylococcus aureus (MRSA)	158	-	-	12%	-	21%	95%	58%	-	-	92%	99%	100%
Staphylococcus aureus (MSSA)	237	-	100%	68%	-	79%	100%	83%	99%	-	94%	99%	100%

+For Staphylococcus aureus, 42% of all isolates reported an MIC of ≤ 0.5 and 57% reported an MIC of 1.

Streptococcus pneumoniae†	8	-	-	75%	-	100%	-	100%	-	88%	-	-	100%
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MIC's performed only on sterile site isolates and those that are penicillin screen resistant.

† Fewer than 30 isolates indicates less statistical validity of the estimates of % S. Interpret with caution.

For more info about this example contact Jeffrey Silvers, MD at Silverj@sutterhealth.org