

**Laguna Honda Hospital
AEROBIC ISOLATES NON-URINE SOURCES
JANUARY THROUGH DECEMBER 2024**

PERCENT OF ISOLATES SUSCEPTIBLE TO ANTIMICROBIAL*

Enteric Isolates (Non Urines)	# Tested	AMP	PIPTZ	CZOL	CTAZ	CTRX	CFPM	GENT	TOB	TMSX	CIPR	LEVO	ETP
Escherichia coli	3	67	100	67	67	67	67	100	100	33	67	67	100
Klebsiella sp.	2	R	100	100	100	100	100	100	100	100	100	100	100
Klebsiella pneumoniae	4	R	100	100	100	100	100	100	75	50	50	75	100
Morganella morganii	1	R	100	R	100	100	100	0	0	0	0	0	100
Proteus mirabilis	7	57	100	57	85	86	86	86	86	71	29	43	100
Serratia marcescens	2	R	100	R	100	100	100	100	50	100	50	50	100

Non Enteric Isolates	# Tested	PIPTZ	CTAZ	CFPM	TOB ⁺	CIPR	LEVO	MERO
Pseudomonas aeruginosa	7	57	71	71	100 ⁺	71	57	71

Gram Positive Isolates	# Tested	PCN	AMP	AMCL	DICLOX	CZOL	CTRX	ERYT	CLIN [^]	TET	VAN	TMSX	LEVO
Staphylococcus aureus	10	30 [#]	30 [#]	80	80	80	80	50	90 [^]	100	100	100	60
Methicillin Resistant	2	R	R	R	R	R	R	0	100 [^]	100	100	100	67
Methicillin Susceptible	9	33 [#]	33 [#]	100	100	100	100	56	89 [^]	100	100	100	67
Staphylococcus, coagulase-negative	3	0	0	0	0	0	0	33	33 [^]	67	100	0	0
	Staphylococci resistant to Dicloxacillin are resistant to PCN, AMP, AMCL, TICL, PIPTZ, cepheims (CZOL, CTAZ, CTRX, CFPM), & carbapenems.												

* First isolate per patient for the organism. Statistical validity of % susceptible is decreased if fewer than 30 isolates are tested.

+ Percent susceptible and intermediate (current susceptibility panel cannot distinguish between susceptible and intermediate).

Percent susceptible determined by MIC and rapid beta-lactamase test. Additional penicillin zone edge test performed on sterile sites only.

[^] Clindamycin results determined by two tests (MIC and inducible clindamycin resistance test).

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PERCENT OF ISOLATES SUSCEPTIBLE TO ANTIMICROBIAL*

Enteric Urine Isolates	# Tested	AMP	PIPTZ	CZOL	CTAZ	CTRX	CFPM	GENT	TOB	TMSX	CIPR	LEVO	NITRO	ETP
Citrobacter koseri	1	R	100	100	100	100	100	100	100	100	100	100	100	100
Escherichia coli	45	56	100	56 ^	80	71	71	89	84	73	49	53	100	100
ESBL	13		100					85	77	62	8	8	100	100
Non ESBL	33	79	100	79 ^	100	100	100	91	88	79	67	73	100	100
Klebsiella aerogenes	2	R	0	R		0	100	100	100	100	100	100	0	100
Klebsiella oxytoca	1	R	100	0	100	100	100	100	100	100	100	100	100	100
Klebsiella pneumoniae	18	R	94	78 ^	83	78	78	100	94	78	67	89	39	94
Morganella morganii	6	R	83	0	80	83	100	100	100	83	50	67	R	100
Proteus mirabilis	25	68	100	60 ^	100	100	100	80	80	76	44	56	R	100
Providencia retgerri	2	R	100	R	100	100	100	100	100	100	100	100	R	100
Serratia marcescens	1	R	100	R	100	100	100	100	0	100	100	100	R	100

Non-Enteric Urine Isolates	# Tested	PIPTZ	CTAZ	CFPM	TOB ⁺	CIPR	LEVO	MERO
Pseudomonas aeruginosa	12	83	100	100	92 ⁺	83	92	92

Gram Positive Urine Isolates	# Tested	AMP	AMCL	DICLOX	CZOL	CTRX	TMSX	LEVO
Staphylococcus aureus	10	20 [#]	60	60	60	60	90	50
Staphylococcus saprophyticus	Uncomplicated UTIs respond to achievable urine levels of 1st generation Cephalosporins, Nitrofurantoin, Trimeth/Sulfa, or Fluoroquinolones.							

^ Percent susceptible if UTI is uncomplicated.

~ Ceftriaxone is appropriate only for uncomplicated cystitis caused by these organisms.

+ Percent susceptible and intermediate (current susceptibility panel cannot distinguish between susceptible and intermediate).

Percent susceptible determined by MIC and rapid beta-lactamase test.