

VITEK[®] 2

Susceptibility Panels for Gram-negative Bacilli



Class	Antibiotic	Drug Code	MIC Calling Range	GN66	GN67	GN69	GN70	GN72	GN73	GN74	GN77	GN79	GN80	GN81	GN83	GN84	GN93	GN95	GN99	N800 [†]	N801	N802	XN09 [*]	XN15 [‡]	
				413398	413399	413400	413401	413403	413404	413941	413434	413436	413437	413438	413440	413410	414985	421982	423102	423310	423416	423706	423425	423829	
Aminopenicillin & inhibitor combination	Ampicillin	am01n	2 - 32																						
	Ampicillin / Sulbactam	sam01n	2/1 - 32/16																						
	Amoxicillin / Clavulanic Acid	amc01n	2/1 - 32/16																						
Ureidopenicillin / inhibitor combinations	Piperacillin / Tazobactam	tzp03n	4/4 - 128/4																						
	Ticarcillin / Clavulanic Acid	tcc01n	8/2 - 128/2																						
β-lactam / inhibitor combinations	Ceftazidime / Avibactam	cza02n	0.12 - 16																						
	Ceftolozane / Tazobactam	ct01n	0.25 - 32																						
	Meropenem / Vaborbactam	mev01n	0.5 - 64																						
Cephalosporin I	Cefalotin	cf01n	2 - 64																						
	Cefazolin	cz01n	4 - 64																						
Cephalosporin II / Cephamycin	Cefotetan	ctt01n	4 - 64																						
	Cefoxitin	fox01n	4 - 64																						
	Cefuroxime	cxm01n	1 - 64																						
Cephalosporin III / IV	Cefotaxime	ctx01n	1 - 64																						
	Cefotaxime (reformulated)	ctx02n	0.25 - 64																						
	Cefpodoxime	cpd01n	0.25 - 8																						
	Ceftazidime	caz01n	1 - 64																						
	Ceftriaxone	cro01n	1 - 64																						
	Ceftriaxone (reformulated)	cro02n	0.25 - 64																						
	Cefepime	fep02n	1 - 64																						
	Cefepime (reformulated)	fep03n	0.12 - 32																						
Monobactam	Aztreonam	atm01n	1 - 64																						
ESBL	ESBL Confirmation Test	esb01n	+/-																						
Carbapenem	Ertapenem	etp01n	0.5 - 8																						
	Ertapenem (reformulated)	etp02n	0.12 - 8																						
	Imipenem	ipm04n	0.25 - 16																						
	Imipenem (reformulated)	ipm05n	0.25 - 16																						
	Meropenem	mem02n	0.25 - 16																						
Aminoglycoside	Amikacin	an01n	2 - 64																						
	Amikacin (reformulated)	an03n	1 - 64																						
	Gentamicin	gm01n	1 - 16																						
	Gentamicin (reformulated)	gm02n	1 - 16																						
	Tobramycin	tm01n	1 - 16																						
Fluoroquinolone	Ciprofloxacin	cip01n	0.25 - 4																						
	Ciprofloxacin (reformulated)	cip02n	0.06 - 4																						
	Levofloxacin	lev02n	0.12 - 8																						
	Moxifloxacin	mxf01n	0.25 - 8																						
	Tetracycline	Doxycycline	do01n	0.5 - 16																					
Minocycline		mno02n	0.5 - 32																						
Tetracycline		te01n	1 - 16																						
Tigecycline		tgc01n	0.5 - 8																						
Tigecycline (reformulated)		tgc02n	0.5 - 8																						
Miscellaneous	Nalidixic Acid	na01n	2 - 32																						
	Nitrofurantoin	ft01n	16 - 512																						
	Trimethoprim / Sulfamethoxazole	sxt02n	20 (1/19) - 320 (16/304)																						

*mates to GN69 & GN95

†mates to N802

‡Note: Deduce ceftriaxone based on cefotaxime

Susceptibility Panels for Gram-positive Cocci

(*Enterococcus* spp., *Staphylococcus* spp., and *S. agalactiae*)

Antibiotic	Drug Code	MIC Calling Range	GP67	GP72	GP75	GP78	FDA Indications for Use
			22226	410770	415670	421051	
Ampicillin							
<i>Enterococcus</i> spp.	am01n	2 - 32					<i>Enterococcus</i> spp.
<i>S. agalactiae</i>	am01n	0.25 - 16					<i>S. agalactiae</i>
Ampicillin / Sulbactam	sam01n	2/1 - 32/16					<i>Staphylococcus</i> spp.
Benzylpenicillin							
<i>Enterococcus</i> spp.	p05n	0.12 - 64					<i>Enterococcus</i> spp.
<i>Staphylococcus</i> spp.	p05n	0.03 - 0.5					<i>Staphylococcus</i> spp.
<i>Staphylococcus</i> spp.	p04n	0.03 - 0.5					<i>Staphylococcus</i> spp.
<i>S. agalactiae</i>	p05n	0.12 - 64					<i>S. agalactiae</i>
Cefoxitin Screen	oxsf01n	NEG - POS					<i>Staphylococcus</i> spp.
Ceftaroline	ctr02n	0.06-4					MRSA, MSSA
Chloramphenicol	c03n	4 - 64					<i>Enterococcus</i> spp., <i>Staphylococcus</i> spp., <i>S. agalactiae</i>
Ciprofloxacin	cip01n	0.5 - 8					<i>Enterococcus</i> spp., <i>Staphylococcus</i> spp.
Clindamycin	cm01n	0.25 - 8					<i>Staphylococcus</i> spp., <i>S. agalactiae</i>
Clindamycin	cm04n	0.125 - 4					MSSA, MSSE
Daptomycin	dap02n	0.12 - 8					<i>S. aureus</i> , Vancomycin Susceptible <i>E. faecalis</i>
Doxycycline	do01n	0.5 - 16					<i>S. aureus</i>
Erythromycin	e02n	0.25 - 8					<i>Enterococcus</i> spp., <i>Staphylococcus</i> spp., <i>S. agalactiae</i>
Gentamicin	gm01n	0.5 - 16					<i>Staphylococcus</i> spp.
Gentamicin High Level (synergy)	hlg01n	S - R					<i>Enterococcus</i> spp.
Inducible Clindamycin Resistance	icr02n	NEG - POS					<i>Staphylococcus</i> spp.
Levofloxacin	lev01n	0.12 - 8					<i>Enterococcus</i> spp., <i>Staphylococcus</i> spp., <i>S. agalactiae</i>
Linezolid	lnz02n	0.5 - 8					<i>E. faecium</i> , <i>E. faecalis</i> , <i>S. agalactiae</i> , <i>S. aureus</i> , <i>S. epidermidis</i> , <i>S. haemolyticus</i>
Minocycline	mno01n	0.5 - 16					<i>Enterococcus</i> spp., <i>Staphylococcus</i> spp.
Moxifloxacin	mx02n	0.25 - 8					MSSA
Nitrofurantoin	ft01n	16 - 512					<i>Enterococcus</i> spp., <i>Staphylococcus</i> spp.
Norfloxacin	nor01n	0.25 - 16					<i>Enterococcus</i> spp., <i>Staphylococcus</i> spp.
Oxacillin	ox101n	0.25 - 4					<i>Staphylococcus</i> spp.
Quinupristin / Dalfopristin	qda01n	0.25 - 16					MSSA, <i>S. agalactiae</i> , <i>S. epidermidis</i> , Vancomycin Resistant <i>E. faecium</i> , <i>Staphylococcus</i> spp.
Rifampicin	ra01n	0.5 - 32					<i>Enterococcus</i> spp.
Streptomycin High Level (synergy)	hls01n	S - R					<i>Enterococcus</i> spp.
Tetracycline	te03n	1 - 16					<i>Enterococcus</i> spp., <i>Staphylococcus</i> spp., <i>S. agalactiae</i>
Tigecycline	tgc02n	0.12 - 2					<i>E. casseliflavus</i> , <i>E. faecalis</i> , <i>E. faecium</i> , <i>S. agalactiae</i> , <i>S. aureus</i> , <i>S. epidermidis</i> , <i>S. haemolyticus</i> ,
Trimethoprim / Sulfamethoxazole	sxt04n	10 (0.5/9.5) 320 (16/304)					<i>S. aureus</i>
Vancomycin	va04n	0.5 - 32					<i>Enterococcus</i> spp., <i>Staphylococcus</i> spp., <i>S. agalactiae</i>

AST-YS09 423331 Antifungal Susceptibility Panel

Antifungal	Drug Code	MIC Calling Range	FDA Indications for Use
Caspofungin	cas02n	0.125 - 8	<i>C. albicans</i> , <i>C. glabrata</i> , <i>C. guilliermondii</i> , <i>C. krusei</i> , <i>C. parapsilosis</i> , <i>C. tropicalis</i>
Fluconazole	flu02n	0.5 - 64	<i>C. albicans</i> , <i>C. dubliniensis</i> , <i>C. guilliermondii</i> , <i>C. lusitania</i> , <i>C. parapsilosis</i> , <i>C. tropicalis</i>
Flucytosine	fct02n	1 - 64	<i>C. albicans</i> , <i>C. dubliniensis</i> , <i>C. glabrata</i> , <i>C. guilliermondii</i> , <i>C. lusitaniae</i> , <i>C. parapsilosis</i> , <i>C. tropicalis</i>
Micafungin	mcf02n	0.06 - 8	<i>C. albicans</i> , <i>C. glabrata</i> , <i>C. guilliermondii</i> , <i>C. krusei</i> , <i>C. parapsilosis</i> , <i>C. tropicalis</i>
Voriconazole	vrc01n	0.12 - 8	<i>C. albicans</i> , <i>C. guilliermondii</i> , <i>C. krusei</i> , <i>C. lusitaniae</i> , <i>C. parapsilosis</i> , <i>C. tropicalis</i>

AST-ST02 420915 Streptococcus Susceptibility Panel

Antimicrobial	Drug Code	MIC Calling Range	FDA Indications for Use
Ampicillin	am01n	0.25 - 16	grpBetaHS, grpVIR
Benzylpenicillin	p01n	0.06 - 8	grpC/G, <i>S. pyogenes</i> , <i>S. agalactiae</i> , <i>S. pneumoniae</i> , grpVIR
Cefotaxime	ctx01n	0.12 - 8	<i>S. pneumoniae</i> , SpyA, <i>Streptococcus</i> spp.
Ceftriaxone	cro01n	0.12 - 8	grpVIR, <i>S. agalactiae</i> , <i>S. pneumoniae</i> , <i>S. pyogenes</i>
Clindamycin	cm01n	0.25 - 1	SP(Pen(S)), <i>S. pyogenes</i> , <i>S. agalactiae</i> , <i>S. mitis</i> , <i>S. oralis</i>
Erythromycin	e01n	0.12 - 8	<i>S. pneumoniae</i> , <i>S. pyogenes</i> , grpVIR
Inducible Clindamycin Resistance	icr01n	NEG - POS	<i>S. agalactiae</i> , <i>S. pyogenes</i>
Levofloxacin	lev01n	0.25 - 16	SP+MDRSP, <i>S. pyogenes</i> , grpC/F, grpG, <i>S. agalactiae</i> , grpVIR, <i>S. milleri</i>
Linezolid	lnz01n	2 - 8	SP+MDRSP, <i>S. agalactiae</i> , <i>S. pyogenes</i>
Moxifloxacin	mx01n	0.06 - 4	<i>S. anginosus</i> , <i>S. constellatus</i> , SP+MDRSP, <i>S. pyogenes</i> , <i>S. agalactiae</i> , grpVIR
Tetracycline	te01n	0.25 - 16	<i>S. pneumoniae</i> , <i>S. pyogenes</i> , grpVIR
Tigecycline	tgc01n	0.06 - 1	SP(Pen(S)), <i>S. anginosus</i> grp. (includes <i>S. anginosus</i> , <i>S. intermedius</i> , and <i>S. constellatus</i>), <i>S. agalactiae</i> , <i>S. pyogenes</i>
Trimethoprim / Sulfamethoxazole	sxt01n	10 (0.5/9.5) 320 (16/304)	<i>S. pneumoniae</i> .
Vancomycin	va01n	0.12 - 8	grpVIR, <i>S. pyogenes</i> , <i>S. agalactiae</i>

grpBetaHS = Beta-hemolytic group Streptococcus species. grpVIR = Viridans group Streptococcus. grpC/G = Beta-hemolytic Streptococcus groups C and G. SpyA = *S. pyogenes* (Group A beta-hemolytic streptococci). SP(Pen(S)) = *S. pneumoniae* (penicillin-susceptible strains) SP+MDRSP = *S. pneumoniae* (including multi-drug resistant strains (MDRSP)) grpC/F = Beta-hemolytic Streptococcus groups C and F grpG = Beta-hemolytic Streptococcus group G.

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