



Bacteria Infection Program

Table 1:
***In Vitro* Activity Profiles of AMR-BAC-1, AMR-BAC-2 & AMR-BAC-3 Against Clinical Isolates of Prevalent Pathogens**

Organism & Strain #	Gram +/-	Phenotype	Vancomycin	AMR-BAC-1	AMR-BAC-2	AMR-BAC-3	Linezolid	Meropenem
<i>S. aureus</i> (ATCC 6538)	+	MSSA	0.5	0.008	0.125	0.004	0.5	
<i>S. aureus</i> (ATCC 29213)	+	MSSA	1	≤ 0.06	0.5	0.016	4	0.12
<i>S. aureus</i> 1137	+	MRSA	1	≤ 0.06	1	≤ 0.06	4	> 4
<i>S. aureus</i> 2170	+	MRSA	1	≤ 0.06	0.5	≤ 0.06		
<i>S. aureus</i> (ATCC 43300)	+	MRSA	2	0.008	0.03	0.016	1	
<i>S. aureus</i> 2012	+	VISA	8	≤ 0.06	0.12	≤ 0.06	1	> 4
<i>S. aureus</i> 2018	+	VISA	8	≤ 0.06	0.12	≤ 0.06		
<i>S. aureus</i> 1725	+	LRSA	1	≤ 0.06	0.25	≤ 0.06	4	0.25
<i>S. aureus</i> 1651	+	LRSA	1	≤ 0.06	0.25	≤ 0.06		
<i>S. aureus</i> 2144	+	CA, USA 300 Strain	1	≤ 0.06	0.25	≤ 0.06		
<i>S. epidermidis</i> 1597	+	MSSE	2	≤ 0.06	1	≤ 0.06		
<i>S. epidermidis</i> 1452	+	MRSE	2	≤ 0.06	1	≤ 0.06		
<i>S. saprophyticus</i> 495	+		1	≤ 0.06	32	≤ 0.06		
<i>E. faecalis</i> 846	+	VRE	> 64	≤ 0.06	> 64	≤ 0.06		
<i>E. faecium</i> 700221	+	VRE	> 64	0.06	> 64	0.25	1	
<i>E. faecium</i> 843	+	VSE	1	64	> 64	≤ 0.06		
<i>E. faecium</i> 1254	+	VRE	> 64	64	> 64	≤ 0.06		
<i>S. pneumoniae</i> 975	+	PSSP	0.5	≤ 0.06	> 64		1	0.015
<i>S. pneumoniae</i> 866	+	PSSP	0.25	≤ 0.06	64	≤ 0.06		
<i>S. pneumoniae</i> 940	+	PRSP	0.25	≤ 0.06	64	≤ 0.06	0.5	1
<i>S. pneumoniae</i> 748	+	PRSP	0.5	≤ 0.06	64	≤ 0.06		
<i>S. pneumoniae</i> 376	+	Quin-R	0.5	≤ 0.06	> 64	≤ 0.06	1	0.015
<i>S. pneumoniae</i> 379	+	Quin-R	0.25	≤ 0.06	> 64	≤ 0.06		
<i>S. pneumoniae</i> 933	+	MDR	0.5	≤ 0.06	64	≤ 0.06		
<i>S. pyogenes</i> 723	+		0.5	≤ 0.06	> 64	≤ 0.06		
<i>S. agalactiae</i> 2033	+		0.5	≤ 0.06	> 64	≤ 0.06		
<i>H. influenzae</i> 1742	-	ampR	> 64	4	> 64	0.5	8	0.06
<i>H. parainfluenzae</i> 2319 (ATCC 7901)	-		64	8	> 64	2	16	0.03
<i>E. coli</i> 102 (ATCC 25922)	-	QC strain	> 64	32	> 64	4	> 64	0.03
<i>E. coli</i> 1411	-		> 64	32	> 64	2	> 64	
<i>E. coli</i> 2269	-	ESBL-producer	> 64	32	> 64	16	> 64	0.03
<i>K. pneumoniae</i> 2239	-		> 64	64	> 64	>64	> 64	0.06
<i>K. pneumoniae</i> 2262	-	ampC, MDR	> 64	64	> 64	>64	> 64	> 4
<i>M. catarrhalis</i> 557	-		> 64	0.12	16	≤ 0.06	8	≤ 0.004
<i>S. marcescens</i> 1635	-		> 64	64	> 64	>64	> 64	0.12
<i>P. aeruginosa</i> (ATCC 27853)	-			32	> 64	16	> 64	
<i>P. aeruginosa</i> 1473	-		> 64	64	> 64	>64	> 64	4