1 Supplemental Materials

2

3 **Definitions/Abbreviations**

- 4 Categorical Agreement (CA) Percent of all test results with same category result as the 5 reference result.
- 6 Essential Agreement (EA) Percent of all test results within one 2-fold dilution of the reference

7 result

- 8 False negative (FN) Test negative and reference positive
- 9 False positive (FP) Test positive and reference negative
- 10 Gram stain resolved/mitigated Accelerate Pheno system incorrect identification result that
- 11 could be arbitrated by comparison with Gram stain results. (i.e. Accelerate Pheno[™] system
- 12 *Staphylococcus aureus* identification result determined to be a false-positive due to comparison
- 13 with a Gram stain result containing only Gram-negative rods.)
- 14 Gram stain unresolved/unmitigated Accelerate Pheno system incorrect identification result that
- 15 could not be arbitrated by comparison with Gram stain results. (i.e. Accelerate Pheno[™] system
- 16 *Klebsiella* spp. identification result that was actually *E. coli*. Comparison with a Gram stain
- 17 result containing only Gram-negative rods would fail to resolve.)
- 18 Invalid No results reported for a sample
- 19 Indeterminate No results reported for a FISH ID probe
- 20 Major Error (ME) Percent of reference-susceptible results that are test resistant (false-
- 21 resistance)
- Minor Error (mE) Percent of all test results where one result (test or reference) is intermediate
 and the other is not.
- 24 Negative Percent Agreement (NPA) The number of true negative results for a diagnostic test
- divided by the number of negative results by the reference method. Same calculation asspecificity.
- 27 Positive Percent Agreement (PPA) The number of true positive results for a diagnostic test
- 28 divided by the number of positive results by the reference method. Same calculation as
- 29 sensitivity.
- 30 Positive Predictive Value (PPV) The number of true positive results divided by all positive
- 31 results for a diagnostic test.
- 32 Sensitivity (clinical) How often a diagnostic test is positive in diseased patients
- 33 Specificity (clinical) How often a diagnostic test is negative in non-diseased patients

- 34 True negative (TN) = Test negative and reference negative
- 35 True positive (TP) = Test positive and reference positive
- 36 Valid Results reported for a sample
- Very Major Error (VME) Percent of reference-resistant results that are test susceptible (false-
- 38 susceptible)
- 39

40 Equations

- 41 Essential Agreement Rate: %EA = [100x(Number of test MIC results within one doubling
- 42 dilution of reference MIC)]/(Total number of results)
- 43 Categorical Agreement Rate: %CA = [100x(Number of test results in categorical agreement with
- 44 reference)]/(Total number of results)
- 45 Indeterminate Rate: %IND = (100xIND)/(total tests)
- 46 Invalid Rate: %INV = (100xINV)/(total tests)
- 47 Major Error Rate: %ME = [100x(Number of false-resistant test results)]/(Total susceptible
- 48 results by reference)
- 49 Minor Error Rate: % mE = [100x(Number of results where one result is intermediate and the
- 50 other result is susceptible or resistant)]/(Total number of results)
- 51 Positive Predictive Value: PPV = (100xTP)/(TP+FP)]
- 52 Sensitivity/PPA = (100 xTP)/(TP+FN)
- 53 Specificity/NPA = (100 xTN)/(TN+FP)
- 54 Very Major Error Rate: % VME = [100x(Number of false-susceptible test results)]/(Total
- 55 resistant results by reference)
- 56
- 57 Methods
- 58 Study Phases. In Phase I, fresh BC samples were tested and analyzed at 11 of the 13
- 59 clinical sites participating in the study, and seeded samples were provided, tested, and analyzed
- at 11 sites. Nine clinical sites tested both fresh and seeded samples. In Phase II, five of the
- 61 clinical sites enrolled and tested positive BC prepared from fresh and seeded samples with the
- 62 Accelerate PhenoTM system. Reference testing was performed at the reference laboratory Phase

III was carried out at Accelerate Diagnostics, Inc. (Tucson, AZ) using only seeded samples and
all reference testing was performed on-site during this phase. Phases II and III provided
additional data for certain organism/antimicrobial combinations for which there was insufficient
enrollment in Phase I.

Bottle Types. BACTECTM (n=10) (Becton Dickinson, Baltimore, MD), BacT/ALERT[®] 67 (n=1) (bioMérieux, Marcy-l'Étoile, France), or VersaTREK[®] (n=1) (Thermo Fisher Scientific, 68 Waltham, MA) blood culture systems were used at the clinical sites. Accelerate Diagnostics, Inc. 69 used both BACTEC[™] and VersaTREK[®] bottles. BacT/ALERT[®] SA Standard Aerobic and SN 70 Anaerobic bottles, BACTEC[™] Standard/10 Aerobic/F Medium, BACTEC[™] Standard 71 Anaerobic/F Medium, BACTECTM Plus Aerobic/F Medium, BACTECTM Plus Anaerobic/F 72 Medium, BACTEC[™] PEDS PLUS/F Medium, BACTEC[™] Lytic/10 Anaerobic/F Medium, 73 VersaTREK[®] Redox 1 Aerobic Media, and VersaTREK[®] Redox 2 Anaerobic Media were used 74 with their corresponding systems. Fresh samples from mycobacterial type blood culture media 75 (BACTECTM Myco/F Lytic, BacT/ALERT[®] MP Bottle, VersaTREK[®] Myco) were excluded. 76

77 **Seeded Sample Preparation.** Seeded samples were prepared by spiking clinical isolates 78 into blood culture media containing 10 mL of commercially available healthy human whole 79 blood (Bioreclamation, Baltimore, MD) collected in 6% w/v sodium polyanetholesulfonate (SPS; 80 Sigma Aldrich, St. Louis, MO). Seeded bottles were loaded onto automated blood culture instruments and incubated according to the system's specifications. Organisms for spiking were 81 82 suspended in normal saline and standardized to a 0.5 McFarland concentration for bacteria (~1.5 x 10^8 CFU/mL), or a 2 McFarland concentration for yeast (~5 x 10^6 CFU/mL). The suspensions 83 underwent three 1:100 serial dilutions before inoculating the blood culture bottle with 500 µL to 84 produce a final concentration of ~75 CFU per bottle. 85

Frozen Isolate Preparation at Clinical Site for AST Discrepancy Testing. Frozen
isolates were prepared from sub-cultured plates as described earlier. The plates used for
preparation of frozen isolates were sub-cultured from refrigerated sub-culture plates of the
original positive blood culture. In some cases, the sub-cultured plates of the original positive
blood culture were removed from the refrigerator, parafilmed and sent to Accelerate Diagnostics,
Inc. directly.

Reference AST Testing. The reference standard for AST comparator testing were the 92 Clinical and Laboratory Standard Institute (CLSI) reference frozen broth microdilution (BMD) 93 94 panels made in-house at Accelerate Diagnostics, Inc., and shipped to the reference laboratory. BMD panels were prepared using cation-adjusted Mueller Hinton Broth (CAMHB) (BD, Difco, 95 Catalogue number 275730) and antibiotics obtained from Merck, Sigma, USP and Pfizer. Cation 96 concentrations for CAMHB were tested externally using ICP-OES as required by CLSI, and 97 every BMD lot underwent biological quality control testing per CLSI standards (1, 2). In order 98 to account for MIC variability seen in BMD for some isolates, each isolate was tested in 99 triplicate (1) and the modal MIC was used as the comparator. If no modal MIC was obtained, 100 triplicate BMD was repeated for the sample and the modal MIC was used from the results of the 101 102 six repeats. If no modal MIC was obtained after 6 replicate BMD tests, the sample was excluded from analysis. For cefoxitin testing of staphylococci, disk diffusion was performed with FOX-30 103 disks (Hardy Diagnostics, Santa Maria, CA, Catalog number 231590) on MHA plates (Becton 104 105 Dickinson). For cases in which the test failed (due to sparse growth, hazy or double zones, heterogeneous growth) or if the disk diffusion zone of growth inhibition was within 1 mm of the 106 107 breakpoint, testing was repeated in triplicate and the modal category from the 4 repeats used as

108 the comparator. If no modal category was obtained after repeat testing, the sample was excluded

109 from analysis.

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Quality Control (QC) Testing on the Accelerate Pheno<sup>™</sup> system. For the Accelerate
110
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Pheno[™] system, one QC panel (EPEES, SES, CASKS, Table 1) was run on one module per day. 111

- The panels were rotated such that each panel was tested at least once per week. QC testing was 112
- rotated between modules such that all modules were used to perform QC at approximately the 113

same frequency. QC panels were run per manufacturer instructions (3). 114

Table 1: QC panels an	iu organisiis ior iD and/or AS1	
QC Panel	Species	Strain Number
EPEES (AST)	Escherichia coli	ATCC [®] 25922™
	Escherichia coli	АТСС [®] 35218 ^{тм}
	Pseudomonas aeruginosa	АТСС [®] 27853 ^{тм}
	Enterococcus faecalis	АТСС [®] 29212 ^{тм}
	Staphylococcus aureus	АТСС [®] 29213 ^{тм}
SES (AST)	Enterococcus faecalis	АТСС [®] 51299 ^{тм}
	Staphylococcus aureus	АТСС [®] 43300 ^{тм}
	Staphylococcus aureus	ATCC [®] BAA-977 TM
CASKS (ID)	Staphylococcus lugdunensis	АТСС [®] 700328 ^{тм}
	Klebsiella pneumoniae	АТСС [®] 700603 ^{тм}
	Acinetobacter baumannii	АТСС [®] 19606 ^{тм}
	Citrobacter freundii	ATCC [®] 6879™
	Streptococcus agalactiae	АТСС [®] 12403 ^{тм}
	Candida glabrata	ATCC [®] 2001™

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116

117 References

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- 122 2. CLSI. 2016. Performance Standards for Antimicrobial Susceptibility Testing. 26th ed. CLSI 123 supplement M100S (ISBN 1-56238-923-8 [Print]; ISBN 1-56238-924-6 [Electronic]). Clinical and Laboratory Standards Institute, 950 West Valley Road, Suite 2500, Wayne, Pennsylvania 19087, 124 USA. 125
- 126 3. Diagnostics A. 2017. Accelerate PhenoTest[™] BC kit Instructions for Use.
- 127

128 FIG S1 Sample Flowchart of Specimen Disposition at Time of FDA Clearance



- 129 130
- ^aProtocol Deviation (n=216); Experiments Halted (n=26); Experiments Never Ran (n=15); Bottle >8 h Post-Positivity (n=31);

132 Gram stain shows no organism (n=24); Isolate Not Received at Reference Laboratory (n=18); Isolate Received Later than 4 days

from Media Preparation (n=3); ID Reference Growth Failure (n=29); Non-Pure Isolate (n=169); ID Reference Purity Plate

134 Failure (n=6); Invalid ID Reference Result (n=1); Accelerate Pheno[™] System Run State Not "Complete" (n=22)

^bSingle on-panel organism reported

136 ^cPolymicrobial samples where Accelerate PhenoTestTM BC kit ID results exactly match the reference

^dMonomicrobial or polymicrobial runs containing any false positive(s)

138 ^eFresh samples with only indeterminate/negative results = 27, Fresh samples including indeterminate result(s) = 74

139 ^fSeeded samples with only indeterminate/negative results = 11, Seeded samples including indeterminate result(s) = 198

140 ^gOf the 44 fresh unresolved false-positives, 38 showed genus-level agreement, while the remaining six were one *E. coli* called *E.*

141 *coli*+CNS+*Enterobacter* spp., one *S. aureus*+*Pantoea* spp. mix called *Klebsiella* spp., one *Klebsiella* pneumoniae called

142 *Klebsiella* spp.+*E. coli*, one *Lactococcus raffinolactis* called *Streptococcus* spp., one *Streptococcus parasanguinis* called

Streptococcus spp.+C. glabrata and one Acinetobacter lwoffii called A. baumannii+Enterobacter spp. by the Accelerate Pheno™
 system.

^hOf the 29 seeded samples containing unresolved false-positives, 16 showed genus-level agreement, while the remaining 13 were

146 one *Enterococcus cecorum* called *E. faecalis+C. glabrata*, one *Pantoea* spp. called *Enterobacter* spp., one *C. koseri* called

147 *Citrobacter* spp.+*Proteus* spp., two *C. koseri* called *Citrobacter* spp.+*Klebsiella* spp., one *C. freundii* called *Citrobacter* spp.+*P*.

148 *aeruginosa*, one *C. koseri* sample called *Citrobacter* spp.+*E. faecium*+*Klebsiella* spp., one *E. cloacae* complex and one *E.*

149 aerogenes called Enterobacter spp.+P. aeruginosa, one P. mirabilis called Proteus spp.+E. coli, one E. coli called E.

150 *coli+Citrobacter* spp., one *Streptococcus pyogenes* called *Streptococcus* spp.+*E. faecium*, and one *S. marcescens* called *S.*

151 *marcescens+A. baumannii+Enterobacter* spp.+*P. aeruginosa+S. aureus* by the Accelerate Pheno[™] system.

152

153 Table S1: Gram-positive Target Organism/Antimicrobial Combinations with Reportable

154 Ranges

				ID Targ	et	
Class	Antimicrobial ^a	SAU	SLU	CNS	EFM	EFS
Penicillins	Ampicillin				2-32	2-32
Cephalosporins	Ceftaroline	0.25-8				
Lipopeptides	Daptomycin	0.25-2	0.25-2 ^b	0.25-2	1-8	1-8
Tetracyclines	Doxycycline ^b	1-32	1-32	1-32	2-32	
Macrolides	Erythromycin	0.12-16	0.12-16 ^b	0.12-16 ^b		
Oxazolidinones	Linezolid Trimethoprim-	1-16	1-16 ^b	1-16 ^b	0.5-16	0.5- 16
Folate pathway inhibitors	Sulfamethoxazole ^b	0.5-8	0.5-8			
Glycopeptides	Vancomycin	0.5-32	1-64	1-64	1-64	1-64
Resistance Phenotypes	Cefoxitin (MRSA) Erythromycin-Clindamycin	Pos/Neg	Pos/Neg	Pos/Neg		
	(MLSb)		Pos/Neg	Pos/Neg		

155 Abbreviations: SAU=Staphylococcus aureus; SLU=Staphylococcus lugdunensis; CNS=Coagulase-

156 negative Staphylococcus spp. (i.e., Staphylococcus epidermidis, Staphylococcus haemolyticus,

157 Staphylococcus hominis, Staphylococcus capitis, Staphylococcus lugdunensis, Staphylococcus warneri,

158 not differentiated); EFM=Enterococcus faecium; EFS=Enterococcus faecalis; STR=Streptococcus spp.

159 (i.e., Streptococcus mitis, Streptococcus oralis, Streptococcus gallolyticus, Streptococcus agalactiae,

160 *Streptococcus pneumoniae*, not differentiated)

161 ^aAntimicrobial concentrations are listed in μ g/mL.

162 ^bRUO

163

Table S2: Gram-negative Target Organism/Antimicrobial Combinations with Reportable Ranges

		ID Target							
		FCO					SM	D / D	
Class	Antimicrobial"	ECO	KLE	ENT	CIT	РКО	<u>A</u>	PAE	ABA
Aminoglycosides	Amikacin	4-128	4-128	4-128	4-128	4-128	4- 128	4-128	4-128
	Gentamicin	1-32	1-32	1-32	1-32	1-32	1-32	1-32	
	Tobramycin	1-32 0.12-	1-32 0.12-	1-32 0.12-	1-32 0.12-	1-32 0.12-	1-32 0.12-	1-32	
Carbapenems	Ertapenem	4 0.25-	4 0.25-	4	4 0.25-	4 0.25-	4 0.25-		0.5-
	Meropenem	8 0 5-	8 0 5-	0.5-8	8	8	8	1-16	16 ^b
Cephalosporins	Cefazolin ^b	16	16						
	Cefepime	1-32	1-32	1-32	1-32	1-32	1-32	2-32	2-64 ^b
	Ceftazidime	2-32 0.25-	2-32 0.25-	2-32 0.25-	2-32 0.25-	1-32	1-32	2-32	
	Ceftriaxone	8 0.25-	8 0.25-	8	8 0.25-	0.5-8 0.25-	0.5-8 0.25-		0.25-
Fluoroquinolones	Ciprofloxacin	8	8	0.5-8	8	8	8	0.25-8	8^{b}
Monobactams	Aztreonam	1-32	1-32	1-32	1-32	1-32	1-32		
BL-BLIs	Ampicillin-Sulbactam Piperacillin-	2-64	2-64			4-64	4-		2-64 ^b
	Tazobactam	4-256	4-256	4-256	4-256	4-256	256	8-256	4-256
Polymyxins	Colistin ^b	0.5-8	0.5-8	0.5-8	0.5-8			0.5-16	0.5-8
Tetracyclines	Minocycline ^b								1-32

166 Abbreviations: BL-BLIs=Beta-lactam / beta-lactamase inhibitors; ECO=*Escherichia coli*;

167 KLE=*Klebsiella* spp. (i.e., *Klebsiella pneumoniae*, *Klebsiella oxytoca*, not differentiated);

168 ENT=Enterobacter spp. (i.e., Enterobacter cloacae, Enterobacter aerogenes, not differentiated);

169 CIT=Citrobacter spp. (i.e., Citrobacter freundii, Citrobacter koseri, not differentiated); PRO=Proteus

170 spp. (i.e., Proteus mirabilis, Proteus vulgaris, not differentiated); SMA=Serratia marcescens;

171 PAE=Pseudomonas aeruginosa; ABA=Acinetobacter baumannii

172 ^aAntimicrobial concentrations are listed in μ g/mL.

173 ^bRUO

174

175

176	TABLE S3 Identification Performance by DNA Probe at FDA Clearance	
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					Sensitivity		Specificity	
Probe	ТР	FN	TN	FP	%	95% CI	%	95% CI
Gram-Positive								
Staphylococcus aureus	238	5	1548	24	97.9	(95.3-99.1)	98.5	(91.1-98.3)
CNS ^a	243	12	1458	27	95.3	(92.0-97.3)	98.2	(97.4-98.8)
Staphylococcus lugdunensis	77	2	1748	1	97.5	(91.2-99.3)	99.9	(99.7-100.0)
Enterococcus faecium	100	2	1724	15	98	(93.1-99.5)	99.1	(98.6-99.5)
Enterococcus faecalis	98	3	1726	2	97	(91.6-99.0)	99.9	(99.6-100)
Streptococcus spp.	171	5	1615	39	97.2	(93.5-98.)	97.6	(96.8-98.3)
Gram-Positive Total	927	29	9819	108	97	(95.7-97.9)	98.9	(98.7-99.1)
Gram-Negative								
Escherichia coli	92	3	1677	12	96.8	(93.3-98.9)	99.3	(99.3-99.9)
Klebsiella spp.	144	4	1690	5	97.3	(91.1-98.3)	99.7	(99.2-99.8)
Enterobacter spp.	122	5	1651	6	96.1	(92.3-99.1)	99.6	(99.0-99.7)
Proteus spp.	107	3	1682	9	97.3	(92.1-99.4)	99.5	(99.2-99.8)
Citrobacter spp.	86	2	1751	7	97.7	(91.1-98.9)	99.6	(98.8-99.6)
Serratia marcescens	51	0	1795	2	100	(93.0-100.0)	99.9	(99.6-100)
Pseudomonas aeruginosa	58	0	1779	10	100	(93.8-100)	99.4	(99.0-99.7)
Acinetobacter baumannii	68	1	1764	6	98.6	(92.2-99.9)	99.7	(99.3-99.8)
Gram-Negative Total	728	18	13789	57	97.6	(96.2-98.5)	99.6	(99.5-99.7)
Yeast								
Candida albicans	45	0	1777	8	100	(92.1-100)	99.6	(99.1-99.8)
Candida glabrata	50	0	1754	29	100	(92.9-100)	98.4	(97.7-98.87)
Yeast Total	95	0	3531	37	100	(96.1-100)	99	(98.6-99.3)
Overall	1750	47	27139	202	97.4	(96.5-98.0)	99.3	(99.2-99.4)

^aCoagulase-Negative *Staphylococcus* spp.

	FDA Clearance			2017 Software Update			
	Fresh	Seeded	Overall	Fresh	Seeded	Overall	
N. Total Samples	872	1068	1940	872	1068	1940	
Invalid	79 (9.1%)	11 (1.0%)	90 (4.6%)	0 (0.0%)	2 (0.2%)	2 (0.1%)	
Valid	793 (90.9%)	1057 (99.0%)	1850 (95.4%)	872 (100%)	1066 (99.8%)	1938 (99.9%)	
Indeterminate ^{a,b}	74 (9.3%)	198 (18.7)	272 (14.7%)	39 (4.5%)	6 (0.6%)	45 (2.3%)	
False Positives ^b	95 (12.0%)	84 (7.9%)	179 (9.7%)	83 (9.5%)	60 (5.6%)	143 (7.4%)	
Resolved False Positives ^c	51 (53.7%)	55 (65.5%)	106 (59.2%)	35 (42.2%)	36 (60.0%)	71 (49.7%)	
Unresolved False Positives ^c	44 (46.3%)	29 (34.5%)	73 (40.8%)	48 (57.8%)	24 (40.0%)	72 (50.3%)	

TABLE S4 Invalid, Indeterminate and False Positive Rates by Sample Type

^aSamples with any indeterminate results. ^bRates calculated out of total valid results ^cRates calculated out of total false positives

Category	Limitation Language	Antibiotic	Bacteria
Insufficient number of	The ability of the Accelerate PhenoTest [™]	Amikacin	Citrobacter spp., Enterobacter spp., E. coli, Proteus spp., S. marcescens
R strains	BC kit to detect resistance	Aztreonam	Proteus spp., S. marcescens
	in the following combinations is unknown because an insufficient number of resistant isolates were encountered	Cefepime	Citrobacter spp., Proteus spp., S. marcescens
		Ceftazidime	Proteus spp., S. marcescens
		Ceftaroline	S. aureus
	at the time of comparable testing:	Ceftriaxone	Citrobacter spp., E. cloacae, S. marcescens
		Ciprofloxacin	Citrobacter spp., Proteus spp., S. marcescens
		Daptomycin	S. aureus
		Ertapenem	Citrobacter spp., Proteus spp., and S. marcescens
		Gentamicin	Citrobacter spp., Enterobacter spp., Proteus spp., S. marcescens
		Meropenem	<i>Citrobacter</i> spp., <i>E. coli, Proteus</i> spp., and <i>S. marcescens</i>
		Piperacillin/Tazobactam	Proteus spp., and S. marcescens
		Tobramycin	Citrobacter spp., Proteus spp., S. marcescens
		Cefoxitin (Methicillin Resistance)	S.lugdunensis
		Erythromycin/Clindamycin (MLSb)	S.lugdunensis
nsufficient iumber of VS strains	The current absence of data on daptomycin- resistant isolates precludes defining any categories other than "susceptible". Isolates yielding test results suggestive of a non- susceptible category should be retested and if the result is confirmed, the isolate should be retested using the reference method.	Daptomycin	Staphylococcus spp. (excluding S. lugdunensis), Enterococcus spp.
nsufficient number of VISA strains	The ability of the Accelerate PhenoTest [™] BC kit to detect vancomycin-intermediate <i>Staphylococcus aureus</i> isolates (VISA) is unknown because insufficient numbers of VISA isolates were evaluated at the time of comparative testing.	Vancomycin	S. aureus

Table S5: Accelerate PhenoTest[™] BC Kit Limitations

Category	Limitation Language	Antibiotic	Bacteria
Major error limitations	The following antimicrobial/organism combinations may produce a resistant result	Ceftazidime	<i>P. aeruginosa</i> (Any <i>P. aeruginosa</i> isolate that provides an MIC $\geq 16 \ \mu$ g/mL should be retested using an alternate method) <i>P. aeruginosa</i>
	that can be found	Ertapenem	Enterobacter spp.
	susceptible by the	Meropenem	Enterobacter spp
	critical to patient care	Piperacillin/Tazobactam	A haumannii
	confirm these results with an alternate method:	Piperacillin/Tazobactam	Klebsiella spp.
Essential	Due to a low essential	Ceftriaxone	S. marcescens
agreement limitation Inaccurate MIC's in the R range	agreement for <i>Serratia</i> <i>marcescens</i> with ceftriaxone, results should be confirmed with an alternate method if critical to patient care. The ability of the Accelerate PhenoTest TM BC kit to provide accurate MICs with amikacin resistant strains of <i>A. baumannii</i> has not been established; isolates of this species that provide resistant results should be confirmed by an alternative method.	Amikacin	A. baumannii
MIC's tend	Accelerate PhenoTest [™] BC kit "antibiotic" MIC	Ampicillin/Sulbactam	Enterobacteraiaceae
dilution	values for "organism"	Aztreonam	
higher than	tended to be one doubling	Ceftazidime	
reference	dilution higher than the	Ertapenem	
MIC's tend to be one dilution lower than reference	Accelerate PhenoTest TM BC kit ceftazidime MIC values for <i>P. aeruginosa</i> tended to be one doubling dilution lower than the reference MIC value.	Ceftazidime	P. aeruginosa