

TITLE

In Vitro and In Vivo Antimicrobial Activity of the Novel Peptide OMN6 against Multidrug-Resistant *Acinetobacter baumannii*

AUTHORS

Janna Michaeli ¹, Shira Mandel ¹, Shelly Maximov ¹, Jonathan Zazoun ¹, Paola Savoia ², Nimmi Kothari ³, Thomas Valmont ³, Livia Ferrari ², Leonard R. Duncan ⁴, Stephen Hawser ³ and Moshe Cohen-Kutner ¹ and Niv Bachnoff ^{1,*}

AFFILIATIONS

- 1** Omnix Medical Ltd., High-Tech Village, Givat-Ram Campus, 9270401 Jerusalem, Israel
- 2** Evotec Anti-Infective, Department of Microbiology Discovery, Aptuit (Verona) Srl, an Evotec Company, via A. Fleming 4, 37135 Verona, Italy
- 3** IHMA Europe Sàrl, Route de l'Île-au-Bois 1A, 1870 Monthey, Switzerland
- 4** JMI Laboratories, 345 Beaver Creek Centre, Suite A, North Liberty, IA 52317, USA

***** Correspondence: niv@omnixmedical.com

Table S1. Supplementary information about the resistance pattern of 401 *A. baumannii* clinical isolates used in the Minimal Inhibitory Concentration (MIC) study presented in Table 1. The resistance phenotype of the different clinical isolates was characterized by broth microdilution method by IHMA Europe Sàrl (Monthey, Switzerland). The study followed the principles and breakpoint values outlined in Clinical and Laboratory Standards Institute (CLSI) and European Committee on Antimicrobial Susceptibility Testing (EUCAST) guidelines. **Green: susceptible isolates. Yellow/Orange: intermediate isolates. Red: resistant isolates.** The resistance pattern is presented according to the following abbreviations: *S* Susceptible, *I* Intermediate, *R* Resistant, *SAM* Ampicillin/Sulbactam (2:1), *FEP* Cefepime, *CAZ* Ceftazidime, *CRO* Ceftriaxone, *COL* Colistin, *GEN* Gentamicin, *LVX* Levofloxacin, *MEM* Meropenem, *TET* Tetracycline, *SXT* Trimethoprim/Sulfamethoxazole (1:19), *N/A* Not available.

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
2040459	<i>A. baumannii</i>	2019	Kenya	Respiratory: Endotracheal aspirate	8	2	2	4	16	0.25	0.5	≤0.12	0.12	0.5	≤0.06
2040348	<i>A. baumannii</i>	2019	Kenya	Respiratory: Endotracheal aspirate	8	4	2	4	16	0.5	0.5	≤0.12	0.12	0.5	0.12
1997827	<i>A. baumannii</i>	2019	Morocco	Genitourinary: Urine	4	16	32	64	>64	0.25	>16	2	>16	4	2
2040416	<i>A. baumannii</i>	2019	Kenya	Respiratory: Endotracheal aspirate	4	8	8	>64	>64	0.25	>16	2	0.25	>32	4
2039312	<i>A. baumannii</i>	2019	Kenya	Gastrointestinal: Other	4	16	32	>64	>64	0.25	>16	4	16	>32	0.5
2039379	<i>A. baumannii</i>	2019	Kenya	Respiratory: Other	8	≤1	≤0.25	1	2	0.25	0.5	≤0.12	≤0.06	0.25	0.25
2015128	<i>A. baumannii</i>	2019	South Africa	Bodily Fluids: Peritoneal	4	8	2	4	16	0.25	>16	1	8	0.5	8

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
2039416	<i>A. baumannii</i>	2019	Kenya	Respiratory: Other	4	16	32	64	>64	0.25	>16	16	>16	>32	>32
2040243	<i>A. baumannii</i>	2019	Kenya	Genitourinary: Urine	8	32	>64	>64	>64	0.25	>16	≤0.12	1	1	>32
1997739	<i>A. baumannii</i>	2019	Morocco	Cardiovascular: Blood	4	≤1	1	1	8	≤0.12	0.25	≤0.12	0.25	0.5	0.12
2014931	<i>A. baumannii</i>	2019	South Africa	Respiratory: Sputum	4	>64	1	2	8	≤0.12	0.5	≤0.12	≤0.06	0.5	0.12
2039368	<i>A. baumannii</i>	2019	Kenya	Respiratory: Sputum	4	16	32	>64	>64	0.5	>16	4	16	>32	0.5
2007187	<i>A. baumannii</i>	2019	Morocco	Respiratory: Bronchoalveolar lavage	4	>64	>64	>64	>64	≤0.12	0.25	4	>16	1	4
2040386	<i>A. baumannii</i>	2019	Kenya	Respiratory: Endotracheal aspirate	8	2	2	4	16	0.5	0.5	≤0.12	0.25	0.5	0.12
2015016	<i>A. baumannii</i>	2019	South Africa	Respiratory: Endotracheal aspirate	4	16	16	4	16	0.25	0.5	≤0.12	16	0.5	0.25
1997921	<i>A. baumannii</i>	2019	Morocco	Respiratory: Other	4	2	2	4	16	0.25	0.25	≤0.12	≤0.06	0.5	0.12
2040420	<i>A. baumannii</i>	2019	Kenya	Cardiovascular: Blood	4	4	32	>64	>64	0.25	>16	2	2	>32	>32
2032922	<i>A. baumannii</i>	2019	South Africa	Respiratory: Endotracheal aspirate	4	≤1	0.5	1	2	≤0.12	0.5	≤0.12	≤0.06	0.5	≤0.06
2032966	<i>A. baumannii</i>	2019	South Africa	Respiratory: Sputum	4	>64	>64	>64	>64	0.25	>16	2	>16	>32	>32

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
2039270	<i>A. baumannii</i>	2019	Kenya	Gastrointestinal: Other	4	>64	>64	>64	>64	0.25	0.25	≤0.12	>16	>32	0.12
1966965	<i>A. baumannii</i>	2019	South Africa	Respiratory: Endotracheal aspirate	8	16	64	>64	>64	>8	>16	32	>16	>32	>32
2040278	<i>A. baumannii</i>	2019	Kenya	Genitourinary: Urine	4	16	32	64	>64	≤0.12	0.25	2	>16	>32	2
2032963	<i>A. baumannii</i>	2019	South Africa	Cardiovascular: Blood	4	≤1	1	2	8	≤0.12	≤0.12	≤0.12	0.12	0.5	0.12
2034657	<i>A. baumannii</i>	2019	Tunisia	Respiratory: Endotracheal aspirate	4	2	1	4	16	0.25	0.5	≤0.12	0.25	0.5	0.12
2039197	<i>A. baumannii</i>	2019	Kenya	Cardiovascular: Blood	8	32	64	>64	>64	1	>16	4	>16	>32	16
2032577	<i>A. baumannii</i>	2019	South Africa	Cardiovascular: Blood	4	>64	>64	>64	>64	0.25	>16	2	>16	>32	>32
2013283	<i>A. baumannii</i>	2019	Tunisia	Respiratory: Endotracheal aspirate	8	64	>64	>64	>64	0.25	>16	8	>16	>32	1
1997743	<i>A. baumannii</i>	2019	Morocco	Cardiovascular: Blood	4	2	2	4	32	0.25	0.5	≤0.12	≤0.06	0.5	≤0.06
2032730	<i>A. baumannii</i>	2019	South Africa	Respiratory: Sputum	8	32	32	>64	>64	0.5	>16	4	>16	>32	8
1997983	<i>A. baumannii</i>	2019	Morocco	Respiratory: Other	4	16	32	>64	>64	0.25	>16	8	>16	4	16
2013248	<i>A. baumannii</i>	2019	Tunisia	Respiratory: Endotracheal aspirate	4	32	32	32	>64	0.25	>16	8	>16	8	>32

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
2007234	<i>A. baumannii</i>	2019	Morocco	Respiratory: Bronchoalveolar lavage	8	16	32	64	>64	0.25	0.25	1	16	32	0.25
1997910	<i>A. baumannii</i>	2019	Morocco	Respiratory: Other	4	>64	>64	>64	>64	0.25	>16	4	>16	2	0.12
2007306	<i>A. baumannii</i>	2019	Morocco	Respiratory: Bronchoalveolar lavage	4	32	32	64	>64	0.25	16	4	16	>32	>32
2007119	<i>A. baumannii</i>	2019	Morocco	Genitourinary: Urine	4	32	32	32	>64	0.25	>16	4	16	4	32
2007176	<i>A. baumannii</i>	2019	Morocco	Respiratory: Bronchoalveolar lavage	8	64	32	>64	>64	8	>16	16	16	>32	32
2014712	<i>A. baumannii</i>	2019	South Africa	Genitourinary: Urine	4	8	8	4	16	≤0.12	16	4	16	>32	8
2007305	<i>A. baumannii</i>	2019	Morocco	Respiratory: Bronchoalveolar lavage	4	32	32	64	>64	0.25	>16	2	>16	>32	32
2007304	<i>A. baumannii</i>	2019	Morocco	Respiratory: Bronchoalveolar lavage	4	16	32	64	>64	0.25	2	8	>16	>32	>32
2007242	<i>A. baumannii</i>	2019	Morocco	Respiratory: Bronchoalveolar lavage	4	8	16	>64	>64	0.25	4	4	16	4	0.25
2015096	<i>A. baumannii</i>	2019	South Africa	Bodily Fluids: Peritoneal	4	8	8	2	16	≤0.12	0.5	≤0.12	8	0.25	0.12
2032588	<i>A. baumannii</i>	2019	South Africa	Cardiovascular: Blood	8	2	1	4	16	0.25	0.5	≤0.12	0.12	0.5	0.12

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
2013258	<i>A. baumannii</i>	2019	Tunisia	Respiratory: Endotracheal aspirate	4	32	32	32	>64	0.25	>16	8	>16	8	>32
2034667	<i>A. baumannii</i>	2019	Tunisia	Respiratory: Endotracheal aspirate	4	32	64	>64	>64	≤0.12	0.5	2	>16	>32	≤0.06
2034594	<i>A. baumannii</i>	2019	Tunisia	Respiratory: Endotracheal aspirate	4	16	64	>64	>64	0.25	>16	>32	16	>32	1
2013240	<i>A. baumannii</i>	2019	Tunisia	Respiratory: Endotracheal aspirate	4	8	32	>64	>64	0.25	0.5	1	16	0.5	≤0.06
2032673	<i>A. baumannii</i>	2019	South Africa	Respiratory: Endotracheal aspirate	4	16	16	4	16	0.25	1	≤0.12	16	1	0.12
2100758	<i>A. baumannii</i>	2019	Japan	Genitourinary: Urine	4	≤1	0.5	1	2	0.25	0.5	≤0.12	≤0.06	0.25	0.12
1966920	<i>A. baumannii</i>	2019	South Africa	Genitourinary: Urine	4	16	32	64	>64	0.25	2	4	>16	>32	>32
2100740	<i>A. baumannii</i>	2019	Japan	Genitourinary: Urine	4	≤1	0.5	1	4	0.25	0.5	≤0.12	0.12	0.25	0.12
2034598	<i>A. baumannii</i>	2019	Tunisia	Respiratory: Endotracheal aspirate	4	>64	>64	>64	>64	≤0.12	>16	2	>16	2	8
2038542	<i>A. baumannii</i>	2019	Korea, South	Respiratory: Sputum	4	16	32	64	>64	0.25	>16	2	>16	>32	32
2032729	<i>A. baumannii</i>	2019	South Africa	Respiratory: Endotracheal aspirate	4	2	2	4	16	0.25	0.5	≤0.12	0.12	0.5	0.12

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
2013284	<i>A. baumannii</i>	2019	Tunisia	Respiratory: Endotracheal aspirate	4	16	64	32	>64	0.25	16	2	>16	4	8
2034561	<i>A. baumannii</i>	2019	Tunisia	Cardiovascular: Blood	4	>64	>64	>64	>64	0.25	>16	4	>16	>32	0.5
1990182	<i>A. baumannii</i>	2019	Korea, South	Respiratory: Bronchoalveolar lavage	8	16	32	>64	>64	0.25	>16	8	>16	4	16
1966954	<i>A. baumannii</i>	2019	South Africa	Respiratory: Sputum	4	>64	>64	>64	>64	>8	>16	2	>16	16	>32
2013290	<i>A. baumannii</i>	2019	Tunisia	Respiratory: Endotracheal aspirate	8	64	64	>64	>64	0.25	>16	16	>16	>32	2
2034602	<i>A. baumannii</i>	2019	Tunisia	Respiratory: Endotracheal aspirate	4	8	16	32	>64	0.25	>16	16	16	>32	32
2034368	<i>A. baumannii</i>	2019	Taiwan	Gastrointestinal: Gall Bladder	4	≤1	1	2	8	0.25	0.5	≤0.12	0.12	0.25	0.12
2015116	<i>A. baumannii</i>	2019	South Africa	Bodily Fluids: Peritoneal	4	16	16	4	16	0.25	0.5	≤0.12	16	0.5	0.12
1995938	<i>A. baumannii</i>	2019	Japan	Gastrointestinal: Gall Bladder	4	≤1	1	1	2	≤0.12	0.25	≤0.12	≤0.06	0.25	≤0.06
2032693	<i>A. baumannii</i>	2019	South Africa	Respiratory: Endotracheal aspirate	8	16	32	32	>64	0.25	2	4	16	>32	>32
2033023	<i>A. baumannii</i>	2019	South Africa	Respiratory: Sputum	4	32	64	>64	>64	≤0.12	>16	16	>16	>32	>32
2074737	<i>A. baumannii</i>	2019	Malaysia	Bodily Fluids: Peritoneal	4	>64	16	>64	>64	0.25	>16	2	1	>32	0.5

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
2058689	<i>A. baumannii</i>	2019	Taiwan	Respiratory: Sputum	8	≤1	1	2	16	0.25	0.5	≤0.12	≤0.06	0.25	≤0.06
2013202	<i>A. baumannii</i>	2019	Tunisia	Cardiovascular: Blood	4	32	32	>64	>64	0.25	>16	4	>16	8	>32
2136953	<i>A. baumannii</i>	2019	Thailand	Gastrointestinal: Gall Bladder	4	16	16	64	>64	0.25	>16	2	16	2	8
2034597	<i>A. baumannii</i>	2019	Tunisia	Respiratory: Endotracheal aspirate	4	32	64	>64	>64	0.25	>16	2	>16	>32	0.5
1985098	<i>A. baumannii</i>	2019	Thailand	Respiratory: Sputum	4	64	64	>64	>64	0.25	>16	2	>16	>32	32
2046641	<i>A. baumannii</i>	2019	Taiwan	Respiratory: Endotracheal aspirate	4	2	1	2	8	≤0.12	0.5	≤0.12	0.12	0.5	0.12
1993482	<i>A. baumannii</i>	2019	Thailand	Gastrointestinal: Gall Bladder	4	64	64	>64	>64	0.25	>16	8	>16	>32	>32
1985099	<i>A. baumannii</i>	2019	Thailand	Respiratory: Sputum	4	>64	>64	>64	>64	0.25	>16	2	>16	>32	32
2008218	<i>A. baumannii</i>	2019	Belgium	Cardiovascular: Blood	4	≤1	1	2	8	0.25	0.25	≤0.12	0.12	0.5	0.12
1987077	<i>A. baumannii</i>	2019	Croatia	Cardiovascular: Blood	8	16	16	>64	>64	0.25	2	2	>16	>32	32
1970291	<i>A. baumannii</i>	2019	Korea, South	Genitourinary: Urine	8	64	64	64	>64	0.25	>16	8	>16	2	32
2020550	<i>A. baumannii</i>	2019	Croatia	Respiratory: Endotracheal aspirate	4	16	16	64	>64	0.25	>16	2	>16	>32	>32
2058692	<i>A. baumannii</i>	2019	Taiwan	Respiratory: Sputum	4	64	64	16	>64	0.25	>16	32	16	>32	>32

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
2038537	<i>A. baumannii</i>	2019	Korea, South	Respiratory: Bronchoalveolar lavage	4	8	16	64	>64	0.25	>16	16	16	2	8
1987181	<i>A. baumannii</i>	2019	Croatia	Respiratory: Endotracheal aspirate	8	64	64	>64	>64	1	>16	2	>16	>32	1
2007738	<i>A. baumannii</i>	2019	Thailand	Gastrointestinal: Gall Bladder	4	>64	>64	>64	>64	0.25	>16	16	>16	>32	>32
1987202	<i>A. baumannii</i>	2019	Croatia	Respiratory: Endotracheal aspirate	4	16	32	>64	>64	0.25	>16	8	>16	>32	2
1984211	<i>A. baumannii</i>	2019	Korea, South	Respiratory: Sputum	4	32	64	>64	>64	0.25	>16	8	>16	4	16
1990247	<i>A. baumannii</i>	2019	Korea, South	Respiratory: Sputum	4	32	32	>64	>64	≤0.12	1	2	16	2	32
1970277	<i>A. baumannii</i>	2019	Korea, South	Genitourinary: Urine	8	32	64	64	>64	0.25	>16	8	>16	4	16
2046756	<i>A. baumannii</i>	2019	Taiwan	Gastrointestinal: Gall Bladder	4	8	8	64	>64	0.25	>16	32	8	>32	4
2037902	<i>A. baumannii</i>	2019	Thailand	Respiratory: Sputum	4	8	16	32	>64	0.25	>16	2	8	>32	16
1993544	<i>A. baumannii</i>	2019	Thailand	Genitourinary: Urine	4	8	32	>64	>64	≤0.12	0.25	2	8	0.5	≤0.06
1985097	<i>A. baumannii</i>	2019	Thailand	Respiratory: Endotracheal aspirate	4	≤1	1	2	16	≤0.12	0.25	≤0.12	0.12	1	0.12
1999178	<i>A. baumannii</i>	2019	Belgium	Cardiovascular: Blood	4	≤1	1	2	8	0.25	0.5	≤0.12	0.12	0.25	≤0.06

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
1993545	<i>A. baumannii</i>	2019	Thailand	Genitourinary: Urine	4	64	>64	>64	>64	≤0.12	>16	4	16	>32	>32
2008178	<i>A. baumannii</i>	2019	Belgium	Genitourinary: Urine	4	>64	>64	>64	>64	0.25	>16	8	>16	>32	32
1957635	<i>A. baumannii</i>	2019	Thailand	Respiratory: Sputum	4	16	32	>64	>64	≤0.12	0.25	2	16	>32	≤0.06
1995202	<i>A. baumannii</i>	2019	Czech Republic	Respiratory: Sputum	4	≤1	0.5	1	2	0.25	0.5	≤0.12	≤0.06	0.25	0.12
1987190	<i>A. baumannii</i>	2019	Croatia	Respiratory: Endotracheal aspirate	4	64	64	>64	>64	0.5	>16	4	>16	>32	1
2020393	<i>A. baumannii</i>	2019	Croatia	Respiratory: Other	8	32	64	>64	>64	0.25	>16	8	>16	>32	>32
2007739	<i>A. baumannii</i>	2019	Thailand	Gastrointestinal: Gall Bladder	4	2	1	2	8	0.25	0.5	≤0.12	8	0.5	0.12
2020344	<i>A. baumannii</i>	2019	Croatia	Respiratory: Endotracheal aspirate	4	64	64	>64	>64	0.25	>16	2	>16	>32	8
1957634	<i>A. baumannii</i>	2019	Thailand	Respiratory: Sputum	4	16	64	>64	>64	≤0.12	0.5	1	16	>32	≤0.06
1995229	<i>A. baumannii</i>	2019	Czech Republic	Respiratory: Sputum	4	32	64	>64	>64	0.25	>16	8	>16	>32	>32
1957646	<i>A. baumannii</i>	2019	Thailand	Genitourinary: Urine	4	16	16	64	>64	0.5	>16	2	>16	>32	16
1987171	<i>A. baumannii</i>	2019	Croatia	Respiratory: Sputum	4	32	64	>64	>64	1	>16	2	>16	>32	1
2031463	<i>A. baumannii</i>	2019	Greece	Cardiovascular: Blood	4	64	>64	>64	>64	2	>16	4	>16	>32	32

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
1957655	<i>A. baumannii</i>	2019	Thailand	Genitourinary: Urine	4	32	>64	>64	>64	≤0.12	0.5	2	16	16	≤0.06
2065587	<i>A. baumannii</i>	2019	France	Genitourinary: Urine	4	≤1	1	2	8	0.25	0.25	≤0.12	0.12	0.5	0.12
1989553	<i>A. baumannii</i>	2019	Germany	Respiratory: Endotracheal aspirate	4	≤1	0.5	0.5	4	0.25	0.5	≤0.12	0.12	0.5	0.25
1989607	<i>A. baumannii</i>	2019	Germany	Respiratory: Endotracheal aspirate	4	≤1	0.5	2	8	0.25	0.5	≤0.12	≤0.06	0.25	≤0.06
1995161	<i>A. baumannii</i>	2019	Czech Republic	Genitourinary: Kidneys	4	≤1	1	2	8	0.25	0.5	≤0.12	0.12	0.5	0.25
2065297	<i>A. baumannii</i>	2019	Germany	Respiratory: Bronchial brushing	4	4	8	16	>64	≤0.12	2	8	0.5	>32	1
1983239	<i>A. baumannii</i>	2019	Greece	Respiratory: Endotracheal aspirate	8	32	64	>64	>64	>8	>16	4	>16	2	32
1974367	<i>A. baumannii</i>	2019	Germany	Genitourinary: Urinary Bladder	4	2	2	4	16	0.25	0.5	≤0.12	0.12	0.5	0.12
2039091	<i>A. baumannii</i>	2019	Hungary	Cardiovascular: Blood	8	64	16	>64	>64	0.25	>16	16	8	4	32
1993543	<i>A. baumannii</i>	2019	Thailand	Genitourinary: Urine	4	64	64	>64	>64	0.25	>16	2	>16	>32	0.5
2038976	<i>A. baumannii</i>	2019	Hungary	Bodily Fluids: Peritoneal	4	32	32	>64	>64	0.25	>16	8	>16	>32	>32
2078200	<i>A. baumannii</i>	2019	Italy	Cardiovascular: Blood	4	32	32	64	>64	0.25	>16	32	>16	>32	>32

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
1987198	<i>A. baumannii</i>	2019	Croatia	Respiratory: Endotracheal aspirate	8	32	64	64	>64	0.5	>16	4	>16	>32	32
2118994	<i>A. baumannii</i>	2019	France	Gastrointestinal: Other	4	≤1	1	2	8	≤0.12	0.5	≤0.12	0.12	0.25	≤0.06
1987189	<i>A. baumannii</i>	2019	Croatia	Respiratory: Endotracheal aspirate	8	32	64	>64	>64	0.5	>16	4	>16	>32	1
2020464	<i>A. baumannii</i>	2019	Croatia	Cardiovascular: Blood	4	32	16	>64	>64	0.25	>16	2	>16	4	2
2020542	<i>A. baumannii</i>	2019	Croatia	Respiratory: Endotracheal aspirate	8	8	4	>64	>64	≤0.12	>16	1	>16	0.5	0.5
2065104	<i>A. baumannii</i>	2019	Germany	Gastrointestinal: Other	4	8	16	4	16	0.25	>16	2	16	32	8
2020348	<i>A. baumannii</i>	2019	Croatia	Respiratory: Other	8	32	64	>64	>64	0.25	>16	8	>16	>32	>32
1983237	<i>A. baumannii</i>	2019	Greece	Respiratory: Bronchoalveolar lavage	4	64	>64	>64	>64	2	>16	4	>16	2	32
2031462	<i>A. baumannii</i>	2019	Greece	Cardiovascular: Blood	8	16	>64	>64	>64	0.25	>16	8	16	>32	>32
1971733	<i>A. baumannii</i>	2019	Latvia	Gastrointestinal: Pancreas	4	64	64	>64	>64	0.25	>16	8	>16	>32	16
1983241	<i>A. baumannii</i>	2019	Greece	Cardiovascular: Blood	4	32	64	>64	>64	1	>16	4	>16	>32	>32
1971752	<i>A. baumannii</i>	2019	Latvia	Gastrointestinal: Pancreas	4	64	32	>64	>64	0.25	>16	8	>16	>32	32

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
2031524	<i>A. baumannii</i>	2019	Greece	Genitourinary: Urine	4	64	>64	>64	64	0.25	>16	2	>16	>32	16
2020360	<i>A. baumannii</i>	2019	Croatia	Respiratory: Other	8	16	32	>64	>64	0.25	>16	8	16	>32	32
2031416	<i>A. baumannii</i>	2019	Greece	Cardiovascular: Blood	8	32	64	>64	>64	0.25	16	4	>16	>32	>32
2020358	<i>A. baumannii</i>	2019	Croatia	Respiratory: Other	4	64	16	>64	>64	0.25	>16	2	>16	2	4
2031441	<i>A. baumannii</i>	2019	Greece	Cardiovascular: Blood	8	64	64	>64	>64	0.5	>16	32	>16	>32	1
2031511	<i>A. baumannii</i>	2019	Greece	Genitourinary: Urine	4	≤1	0.5	2	8	0.25	0.25	≤0.12	≤0.06	0.25	≤0.06
1983235	<i>A. baumannii</i>	2019	Greece	Respiratory: Sputum	8	32	64	>64	>64	1	>16	4	>16	4	32
1971673	<i>A. baumannii</i>	2019	Latvia	Respiratory: Endotracheal aspirate	4	64	64	>64	>64	0.25	>16	8	>16	>32	>32
1983243	<i>A. baumannii</i>	2019	Greece	Respiratory: Endotracheal aspirate	4	64	>64	>64	>64	0.5	>16	8	>16	>32	>32
2119058	<i>A. baumannii</i>	2019	Germany	Gastrointestinal: Large Colon	8	≤1	1	2	8	0.25	0.5	≤0.12	0.12	0.25	0.12
1954162	<i>A. baumannii</i>	2019	Germany	Gastrointestinal: Small Colon	4	2	1	2	8	0.25	0.5	≤0.12	0.12	0.25	0.12
1983230	<i>A. baumannii</i>	2019	Greece	Respiratory: Sputum	8	32	32	>64	>64	0.5	>16	4	>16	>32	>32
1971821	<i>A. baumannii</i>	2019	Latvia	Respiratory: Bronchoalveolar lavage	8	64	>64	>64	>64	0.25	>16	2	>16	0.5	4

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
1974405	<i>A. baumannii</i>	2019	Germany	Genitourinary: Other	4	≤1	≤0.25	1	2	0.25	0.5	≤0.12	≤0.06	0.25	≤0.06
2039140	<i>A. baumannii</i>	2019	Hungary	Respiratory: Endotracheal aspirate	4	64	16	>64	>64	0.25	>16	2	>16	1	4
1971746	<i>A. baumannii</i>	2019	Latvia	Gastrointestinal: Pancreas	4	64	64	>64	>64	0.25	>16	8	>16	>32	32
1989600	<i>A. baumannii</i>	2019	Germany	Respiratory: Endotracheal aspirate	4	≤1	2	4	8	0.25	0.5	≤0.12	0.25	0.25	0.12
2039073	<i>A. baumannii</i>	2019	Hungary	Cardiovascular: Blood	4	32	32	>64	>64	0.25	>16	4	>16	4	2
2031449	<i>A. baumannii</i>	2019	Greece	Cardiovascular: Blood	8	64	64	>64	>64	0.25	>16	4	>16	>32	>32
1968762	<i>A. baumannii</i>	2019	Lithuania	Respiratory: Bronchoalveolar lavage	4	32	16	>64	>64	0.25	>16	4	16	>32	0.5
2023557	<i>A. baumannii</i>	2019	Hungary	Gastrointestinal: Gall Bladder	4	64	8	>64	>64	0.25	>16	4	>16	2	1
1968785	<i>A. baumannii</i>	2019	Lithuania	Respiratory: Bronchoalveolar lavage	8	64	64	32	>64	4	16	2	>16	>32	8
1983236	<i>A. baumannii</i>	2019	Greece	Respiratory: Bronchoalveolar lavage	4	64	64	>64	>64	1	>16	8	>16	>32	>32
1973940	<i>A. baumannii</i>	2019	Poland	Respiratory: Endotracheal aspirate	4	8	8	64	>64	0.25	16	16	>16	>32	>32

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
2031461	<i>A. baumannii</i>	2019	Greece	Cardiovascular: Blood	8	64	>64	>64	>64	1	>16	8	>16	>32	32
2039136	<i>A. baumannii</i>	2019	Hungary	Respiratory: Endotracheal aspirate	8	32	32	>64	>64	0.25	>16	8	>16	>32	32
2038979	<i>A. baumannii</i>	2019	Hungary	Bodily Fluids: Peritoneal	4	64	32	>64	>64	0.25	>16	2	>16	2	1
1973923	<i>A. baumannii</i>	2019	Poland	Respiratory: Endotracheal aspirate	4	32	8	64	>64	0.25	>16	2	0.25	>32	16
1961080	<i>A. baumannii</i>	2019	Portugal	Cardiovascular: Blood	4	2	1	2	8	0.5	0.5	≤0.12	0.12	0.5	≤0.06
2078129	<i>A. baumannii</i>	2019	Italy	Respiratory: Sputum	4	32	64	>64	>64	0.25	>16	>32	16	>32	32
1994284	<i>A. baumannii</i>	2019	Italy	Genitourinary: Urine	4	8	16	64	>64	0.25	>16	16	16	>32	32
2019331	<i>A. baumannii</i>	2019	Romania	Respiratory: Endotracheal aspirate	8	32	64	>64	>64	0.25	>16	8	>16	>32	>32
2019266	<i>A. baumannii</i>	2019	Romania	Respiratory: Sputum	4	16	32	>64	>64	0.25	>16	8	>16	0.5	1
2019315	<i>A. baumannii</i>	2019	Romania	Cardiovascular: Blood	4	2	0.5	1	4	0.25	1	≤0.12	≤0.06	0.25	0.12
2030964	<i>A. baumannii</i>	2019	Italy	Bodily Fluids: Peritoneal	4	64	64	>64	>64	≤0.12	0.5	2	>16	>32	0.5
1983210	<i>A. baumannii</i>	2019	Greece	Respiratory: Bronchial brushing	4	32	32	>64	>64	>8	>16	8	>16	4	32

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
2078186	<i>A. baumannii</i>	2019	Italy	Respiratory: Sputum	4	16	32	64	>64	0.25	>16	>32	>16	>32	>32
2078054	<i>A. baumannii</i>	2019	Italy	Respiratory: Sputum	4	32	32	64	>64	0.25	>16	>32	16	>32	32
1994130	<i>A. baumannii</i>	2019	Italy	Respiratory: Sputum	8	8	16	>64	>64	>8	>16	>32	16	8	32
1971730	<i>A. baumannii</i>	2019	Latvia	Gastrointestinal: Stomach	8	32	>64	>64	>64	0.25	>16	2	>16	0.5	4
1983240	<i>A. baumannii</i>	2019	Greece	Respiratory: Bronchoalveolar lavage	4	32	16	>64	>64	0.25	>16	32	16	>32	1
2031456	<i>A. baumannii</i>	2019	Greece	Cardiovascular: Blood	4	32	32	>64	>64	0.25	>16	32	>16	>32	>32
1984552	<i>A. baumannii</i>	2019	Lithuania	Genitourinary: Urine	4	64	64	>64	>64	0.25	>16	8	>16	>32	2
2051395	<i>A. baumannii</i>	2019	Serbia	Cardiovascular: Blood	4	64	64	>64	>64	0.25	>16	8	>16	32	8
1952420	<i>A. baumannii</i>	2019	Italy	Bodily Fluids: Peritoneal	4	16	16	32	>64	0.25	>16	>32	16	>32	32
2051484	<i>A. baumannii</i>	2019	Serbia	Respiratory: Endotracheal aspirate	4	16	16	>64	>64	0.25	>16	4	>16	>32	32
1968809	<i>A. baumannii</i>	2019	Lithuania	Respiratory: Bronchoalveolar lavage	4	64	64	>64	>64	1	>16	4	>16	>32	>32
1983229	<i>A. baumannii</i>	2019	Greece	Cardiovascular: Blood	4	64	64	>64	>64	1	>16	8	16	4	>32

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
1984668	<i>A. baumannii</i>	2019	Lithuania	Respiratory: Bronchoalveolar lavage	8	64	64	>64	>64	0.25	>16	8	>16	>32	1
1971652	<i>A. baumannii</i>	2019	Latvia	Cardiovascular: Blood	8	16	32	16	>64	0.25	>16	2	>16	1	0.12
2035039	<i>A. baumannii</i>	2019	Serbia	Cardiovascular: Blood	8	32	64	>64	>64	0.25	>16	16	>16	>32	>32
1984695	<i>A. baumannii</i>	2019	Lithuania	Respiratory: Bronchoalveolar lavage	4	8	8	>64	>64	0.25	0.5	2	>16	>32	16
1968732	<i>A. baumannii</i>	2019	Lithuania	Respiratory: Bronchoalveolar lavage	4	64	64	>64	>64	0.25	>16	8	>16	>32	1
1971717	<i>A. baumannii</i>	2019	Latvia	Respiratory: Bronchoalveolar lavage	8	32	>64	>64	>64	0.25	2	2	>16	1	8
2051611	<i>A. baumannii</i>	2019	Serbia	Respiratory: Endotracheal aspirate	4	32	>64	>64	>64	0.25	>16	8	>16	>32	>32
1983199	<i>A. baumannii</i>	2019	Greece	Genitourinary: Urine	4	32	64	>64	>64	0.25	>16	8	>16	>32	>32
2051610	<i>A. baumannii</i>	2019	Serbia	Cardiovascular: Blood	4	16	8	>64	>64	≤0.12	1	32	>16	1	8
1971808	<i>A. baumannii</i>	2019	Latvia	Respiratory: Sputum	8	16	32	16	>64	0.25	1	2	>16	1	0.12
2051433	<i>A. baumannii</i>	2019	Serbia	Gastrointestinal: Liver	4	16	8	64	>64	0.25	>16	2	>16	>32	1

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
2039139	<i>A. baumannii</i>	2019	Hungary	Respiratory: Endotracheal aspirate	4	32	16	>64	>64	0.25	>16	4	>16	2	1
1971810	<i>A. baumannii</i>	2019	Latvia	Respiratory: Bronchoalveolar lavage	8	16	32	16	>64	0.25	>16	2	>16	0.5	0.12
2058360	<i>A. baumannii</i>	2019	Slovenia	Genitourinary: Urine	8	4	4	16	>64	0.25	>16	1	0.5	1	0.12
1984733	<i>A. baumannii</i>	2019	Lithuania	Cardiovascular: Blood	4	64	64	>64	>64	0.25	>16	4	>16	>32	2
2058247	<i>A. baumannii</i>	2019	Slovenia	Respiratory: Bronchoalveolar lavage	4	≤1	1	2	8	0.25	0.25	≤0.12	≤0.06	0.25	0.12
1967860	<i>A. baumannii</i>	2019	Spain	Cardiovascular: Blood	8	2	4	2	8	0.25	4	≤0.12	0.12	>32	0.25
2039121	<i>A. baumannii</i>	2019	Hungary	Respiratory: Endotracheal aspirate	8	64	8	>64	>64	0.25	>16	8	8	2	16
2007374	<i>A. baumannii</i>	2019	Spain	Respiratory: Sputum	4	32	32	8	32	0.25	0.5	16	>16	>32	2
2014048	<i>A. baumannii</i>	2019	Sweden	Gastrointestinal: Stomach	8	8	8	>64	>64	>8	>16	>32	16	8	32
1984688	<i>A. baumannii</i>	2019	Lithuania	Respiratory: Bronchoalveolar lavage	4	64	64	>64	>64	0.25	>16	8	>16	>32	1
2039155	<i>A. baumannii</i>	2019	Hungary	Respiratory: Bronchoalveolar lavage	4	32	32	>64	>64	0.25	>16	16	16	>32	32

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
1984669	<i>A. baumannii</i>	2019	Lithuania	Respiratory: Endotracheal aspirate	4	32	64	>64	>64	0.25	>16	8	>16	>32	0.5
1973792	<i>A. baumannii</i>	2019	Poland	Cardiovascular: Blood	8	8	8	64	>64	0.25	16	16	>16	>32	>32
2108908	<i>A. baumannii</i>	2019	Italy	Gastrointestinal: Abscess	4	4	8	64	>64	≤0.12	>16	16	8	≤0.12	4
2078203	<i>A. baumannii</i>	2019	Italy	Cardiovascular: Blood	4	32	64	64	>64	0.5	>16	16	>16	>32	16
1971626	<i>A. baumannii</i>	2019	Latvia	Cardiovascular: Blood	4	16	32	16	>64	0.25	>16	2	>16	1	0.12
2003382	<i>A. baumannii</i>	2019	Turkey	Cardiovascular: Blood	4	4	8	8	>64	0.25	>16	4	0.5	1	0.12
1971716	<i>A. baumannii</i>	2019	Latvia	Respiratory: Sputum	8	32	>64	>64	>64	0.25	1	4	>16	0.5	4
1984758	<i>A. baumannii</i>	2019	Lithuania	Cardiovascular: Blood	4	4	4	16	>64	≤0.12	>16	0.5	0.5	>32	8
1963810	<i>A. baumannii</i>	2019	Turkey	Genitourinary: Urine	4	32	32	32	>64	0.25	2	>32	16	>32	>32
1957343	<i>A. baumannii</i>	2019	Portugal	Gastrointestinal: Gall Bladder	4	2	2	4	8	≤0.12	0.5	≤0.12	0.12	0.5	0.12
1993625	<i>A. baumannii</i>	2019	Turkey	Respiratory: Endotracheal aspirate	8	4	32	>64	>64	0.25	>16	32	>16	>32	>32
1963865	<i>A. baumannii</i>	2019	Turkey	Bodily Fluids: Thoracentesis	4	32	32	32	>64	0.5	4	>32	16	>32	>32
1984666	<i>A. baumannii</i>	2019	Lithuania	Respiratory: Endotracheal aspirate	8	64	64	>64	>64	0.5	>16	8	>16	>32	1

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
1984671	<i>A. baumannii</i>	2019	Lithuania	Respiratory: Bronchial brushing	8	64	64	>64	>64	0.25	>16	8	>16	>32	1
2003388	<i>A. baumannii</i>	2019	Turkey	Cardiovascular: Blood	4	4	8	8	>64	0.25	>16	4	0.5	1	0.12
2003373	<i>A. baumannii</i>	2019	Turkey	Cardiovascular: Blood	4	2	1	2	8	0.25	0.25	≤0.12	0.12	0.5	≤0.06
1993618	<i>A. baumannii</i>	2019	Turkey	Respiratory: Bronchoalveolar lavage	4	32	32	>64	>64	0.5	>16	32	>16	>32	>32
1973996	<i>A. baumannii</i>	2019	Poland	Respiratory: Endotracheal aspirate	4	2	4	4	16	0.25	0.5	≤0.12	0.12	0.5	0.5
1993626	<i>A. baumannii</i>	2019	Turkey	Respiratory: Sputum	8	>64	64	>64	>64	0.25	>16	8	>16	>32	1
2066250	<i>A. baumannii</i>	2019	Poland	Bodily Fluids: Peritoneal	8	8	16	>64	>64	0.25	2	8	>16	>32	>32
2035030	<i>A. baumannii</i>	2019	Serbia	Respiratory: Endotracheal aspirate	8	16	32	>64	>64	0.25	>16	8	>16	>32	>32
2035026	<i>A. baumannii</i>	2019	Serbia	Respiratory: Endotracheal aspirate	4	32	16	>64	>64	0.25	>16	4	>16	>32	>32
1993617	<i>A. baumannii</i>	2019	Turkey	Respiratory: Endotracheal aspirate	4	8	16	32	>64	>8	>16	16	16	>32	32
2003371	<i>A. baumannii</i>	2019	Turkey	Cardiovascular: Blood	4	64	32	>64	>64	0.25	0.25	16	>16	>32	>32

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
1973970	<i>A. baumannii</i>	2019	Poland	Respiratory: Endotracheal aspirate	4	8	16	64	>64	2	0.25	4	>16	>32	>32
2035464	<i>A. baumannii</i>	2019	Ukraine	Respiratory: Sputum	4	32	64	16	>64	0.25	>16	4	16	4	1
2019236	<i>A. baumannii</i>	2019	Romania	Cardiovascular: Blood	8	64	32	>64	>64	0.25	>16	4	1	>32	>32
2035089	<i>A. baumannii</i>	2019	Serbia	Respiratory: Endotracheal aspirate	8	32	32	>64	>64	0.25	>16	8	>16	>32	>32
2118005	<i>A. baumannii</i>	2019	Russia	Gastrointestinal: Large Colon	4	2	1	2	8	0.25	0.25	≤0.12	0.12	0.25	0.12
2035500	<i>A. baumannii</i>	2019	Ukraine	Cardiovascular: Blood	4	4	8	32	>64	0.25	4	8	8	1	4
2118004	<i>A. baumannii</i>	2019	Russia	Gastrointestinal: Large Colon	8	8	4	32	>64	0.25	4	32	16	2	4
2029125	<i>A. baumannii</i>	2019	Ukraine	Cardiovascular: Blood	8	4	4	16	>64	1	0.25	4	0.5	1	4
1973963	<i>A. baumannii</i>	2019	Poland	Respiratory: Endotracheal aspirate	4	16	32	>64	>64	0.25	0.5	4	2	>32	>32
2060117	<i>A. baumannii</i>	2019	Russia	Gastrointestinal: Abscess	4	>64	>64	>64	>64	0.25	>16	8	>16	2	32
2035090	<i>A. baumannii</i>	2019	Serbia	Respiratory: Endotracheal aspirate	8	16	32	>64	>64	0.25	>16	8	>16	>32	>32
2051501	<i>A. baumannii</i>	2019	Serbia	Genitourinary: Urine	8	16	16	>64	>64	0.25	>16	8	16	>32	>32

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
2051527	<i>A. baumannii</i>	2019	Serbia	Respiratory: Endotracheal aspirate	4	16	8	64	>64	0.25	0.25	2	>16	>32	0.5
2058329	<i>A. baumannii</i>	2019	Slovenia	Cardiovascular: Blood	8	2	1	2	8	0.25	0.5	≤0.12	≤0.06	0.5	≤0.06
1957424	<i>A. baumannii</i>	2019	Portugal	Cardiovascular: Blood	4	16	16	64	>64	0.25	>16	32	16	>32	32
2035052	<i>A. baumannii</i>	2019	Serbia	Bodily Fluids: Peritoneal	8	32	32	>64	>64	0.5	>16	16	>16	>32	32
1957322	<i>A. baumannii</i>	2019	Portugal	Genitourinary: Urine	4	8	4	1	4	0.25	1	32	8	>32	0.5
2019421	<i>A. baumannii</i>	2019	Romania	Cardiovascular: Blood	4	8	32	>64	>64	0.25	1	4	16	4	0.12
2003517	<i>A. baumannii</i>	2019	Turkey	Respiratory: Endotracheal aspirate	4	>64	>64	>64	>64	0.25	>16	16	>16	>32	32
1970734	<i>A. baumannii</i>	2019	Switzerland	Respiratory: Sputum	4	>64	>64	>64	>64	0.25	>16	32	>16	8	0.5
2062415	<i>A. baumannii</i>	2019	Russia	Bodily Fluids: Peritoneal	4	64	>64	>64	>64	≤0.12	8	>32	>16	>32	>32
2035064	<i>A. baumannii</i>	2019	Serbia	Cardiovascular: Blood	8	32	32	>64	>64	0.25	>16	8	>16	>32	>32
1993813	<i>A. baumannii</i>	2019	Turkey	Cardiovascular: Blood	4	>64	32	64	>64	0.25	≤0.12	16	>16	>32	>32
2009420	<i>A. baumannii</i>	2019	Turkey	Gastrointestinal: Other	4	64	64	>64	>64	≤0.12	0.25	16	>16	>32	>32
1993762	<i>A. baumannii</i>	2019	Turkey	Bodily Fluids: Abscess / Pus	8	>64	>64	>64	>64	1	0.25	16	>16	>32	>32

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
2051483	<i>A. baumannii</i>	2019	Serbia	Cardiovascular: Blood	4	32	16	>64	>64	0.25	>16	4	>16	4	8
1986579	<i>A. baumannii</i>	2019	Turkey	Respiratory: Endotracheal aspirate	4	64	>64	>64	>64	0.25	>16	8	8	2	32
1963864	<i>A. baumannii</i>	2019	Turkey	Respiratory: Lungs	4	64	32	64	>64	0.5	2	>32	16	>32	>32
2051432	<i>A. baumannii</i>	2019	Serbia	Gastrointestinal: Stomach	4	32	32	>64	>64	0.25	>16	8	>16	>32	1
2003491	<i>A. baumannii</i>	2019	Turkey	Cardiovascular: Blood	4	32	64	>64	>64	0.25	8	16	>16	>32	>32
2051455	<i>A. baumannii</i>	2019	Serbia	Genitourinary: Urine	4	32	64	64	>64	0.25	>16	8	>16	8	32
1968017	<i>A. baumannii</i>	2019	Spain	Respiratory: Endotracheal aspirate	4	2	1	2	8	0.25	0.5	≤0.12	≤0.06	0.5	≤0.06
2081197	<i>A. baumannii</i>	2019	Spain	Gastrointestinal: Other	4	16	16	4	32	1	>16	32	>16	>32	1
2003464	<i>A. baumannii</i>	2019	Turkey	Cardiovascular: Blood	8	32	32	>64	>64	0.5	>16	8	>16	>32	2
2023039	<i>A. baumannii</i>	2019	United Kingdom	Bodily Fluids: Peritoneal	8	≤1	1	2	8	0.25	0.5	≤0.12	≤0.06	0.25	0.12
2003503	<i>A. baumannii</i>	2019	Turkey	Gastrointestinal: Other	4	16	64	>64	>64	0.25	2	8	16	>32	>32
1987322	<i>A. baumannii</i>	2019	Georgia	Respiratory: Endotracheal aspirate	4	16	64	>64	>64	≤0.12	≤0.12	8	>16	>32	8
1963731	<i>A. baumannii</i>	2019	Turkey	Genitourinary: Urine	8	16	16	>64	>64	>8	>16	>32	>16	>32	>32

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
1986725	<i>A. baumannii</i>	2019	Turkey	Cardiovascular: Blood	4	2	2	4	16	0.25	0.25	≤0.12	≤0.06	0.5	0.12
1975034	<i>A. baumannii</i>	2019	Israel	Cardiovascular: Blood	4	32	32	64	>64	0.25	>16	2	>16	2	32
1993627	<i>A. baumannii</i>	2019	Turkey	Respiratory: Sputum	8	64	32	>64	>64	2	>16	8	>16	>32	32
1986635	<i>A. baumannii</i>	2019	Turkey	Respiratory: Endotracheal aspirate	8	2	2	4	16	0.25	0.25	≤0.12	0.12	0.5	0.12
2003318	<i>A. baumannii</i>	2019	Turkey	Respiratory: Endotracheal aspirate	4	>64	>64	>64	>64	0.25	>16	8	>16	>32	32
2035431	<i>A. baumannii</i>	2019	Ukraine	Respiratory: Sputum	8	>64	>64	32	>64	0.25	>16	8	>16	2	1
1975151	<i>A. baumannii</i>	2019	Israel	Respiratory: Sputum	8	4	2	2	8	0.5	>16	≤0.12	0.25	1	≤0.06
2029115	<i>A. baumannii</i>	2019	Ukraine	Bodily Fluids: Abscess / Pus	8	32	>64	>64	>64	0.25	>16	8	4	2	>32
1993619	<i>A. baumannii</i>	2019	Turkey	Respiratory: Sputum	4	32	32	>64	>64	0.25	>16	8	>16	>32	>32
2035340	<i>A. baumannii</i>	2019	Ukraine	Genitourinary: Urine	4	2	2	2	16	0.25	0.25	≤0.12	0.25	1	0.12
2035401	<i>A. baumannii</i>	2019	Ukraine	Respiratory: Endotracheal aspirate	4	64	>64	64	>64	0.25	>16	8	8	0.5	4
2003279	<i>A. baumannii</i>	2019	Turkey	Genitourinary: Urine	8	64	64	>64	>64	0.25	>16	4	>16	>32	32

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
2020256	<i>A. baumannii</i>	2019	Israel	Respiratory: Endotracheal aspirate	4	2	0.5	1	1	0.25	0.25	≤0.12	≤0.06	≤0.12	0.25
2029130	<i>A. baumannii</i>	2019	Ukraine	Cardiovascular: Blood	8	32	>64	>64	>64	0.25	>16	8	4	1	>32
1963207	<i>A. baumannii</i>	2019	Israel	Respiratory: Sputum	4	4	4	4	32	≤0.12	>16	4	2	>32	>32
1986495	<i>A. baumannii</i>	2019	Turkey	Respiratory: Endotracheal aspirate	4	≤1	0.5	1	4	0.5	0.25	≤0.12	≤0.06	0.25	≤0.06
2029235	<i>A. baumannii</i>	2019	Ukraine	Respiratory: Sputum	4	4	16	>64	>64	0.25	1	>32	0.5	4	1
1969114	<i>A. baumannii</i>	2019	Israel	Respiratory: Bronchoalveolar lavage	8	2	1	2	8	0.25	0.5	≤0.12	0.12	0.5	0.12
1968966	<i>A. baumannii</i>	2019	Israel	Respiratory: Sputum	8	8	64	>64	>64	0.25	8	4	16	>32	>32
1993622	<i>A. baumannii</i>	2019	Turkey	Respiratory: Sputum	8	16	32	64	>64	0.25	0.5	32	>16	>32	>32
2029141	<i>A. baumannii</i>	2019	Ukraine	Cardiovascular: Blood	4	32	64	>64	>64	0.25	1	>32	>16	4	1
1969318	<i>A. baumannii</i>	2019	United Kingdom	Respiratory: Sputum	4	64	64	>64	>64	0.25	>16	16	>16	>32	32
1958932	<i>A. baumannii</i>	2019	United Kingdom	Gastrointestinal: Other	4	≤1	1	1	8	≤0.12	0.5	≤0.12	0.12	1	0.12
2029201	<i>A. baumannii</i>	2019	Ukraine	Bodily Fluids: Abscess / Pus	8	4	4	16	>64	2	0.25	4	0.25	1	8

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
2029860	<i>A. baumannii</i>	2019	United Kingdom	Respiratory: Endotracheal aspirate	4	≤1	≤0.25	1	2	0.25	0.25	≤0.12	≤0.06	0.25	≤0.06
2030102	<i>A. baumannii</i>	2019	United Kingdom	Respiratory: Sputum	8	64	64	>64	>64	0.5	>16	8	>16	>32	2
2028775	<i>A. baumannii</i>	2019	United Kingdom	Respiratory: Endotracheal aspirate	8	8	16	>64	>64	0.25	1	4	4	2	32
1987384	<i>A. baumannii</i>	2019	Georgia	Respiratory: Endotracheal aspirate	8	64	64	>64	>64	0.25	>16	32	>16	>32	1
1974979	<i>A. baumannii</i>	2019	Israel	Respiratory: Sputum	8	32	64	>64	>64	0.25	16	4	>16	>32	32
1985503	<i>A. baumannii</i>	2019	Venezuela	Bodily Fluids: Abscess / Pus	4	64	>64	>64	>64	0.25	>16	8	>16	4	0.25
2029216	<i>A. baumannii</i>	2019	Ukraine	Respiratory: Endotracheal aspirate	4	4	4	16	>64	2	0.25	4	0.25	1	4
1975232	<i>A. baumannii</i>	2019	Israel	Respiratory: Sputum	4	≤1	8	4	16	0.25	2	≤0.12	0.12	0.5	2
1975222	<i>A. baumannii</i>	2019	Israel	Respiratory: Sputum	4	≤1	≤0.25	1	4	0.25	0.25	≤0.12	≤0.06	0.25	0.12
2020245	<i>A. baumannii</i>	2019	Israel	Respiratory: Endotracheal aspirate	4	2	2	4	8	0.25	>16	1	0.12	1	4
2020241	<i>A. baumannii</i>	2019	Israel	Respiratory: Endotracheal aspirate	4	4	4	4	16	≤0.12	0.5	≤0.12	0.5	1	2

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
2014367	<i>A. baumannii</i>	2019	Jordan	Genitourinary: Urine	4	2	1	4	8	≤0.12	0.25	≤0.12	≤0.06	0.25	0.12
2035493	<i>A. baumannii</i>	2019	Ukraine	Cardiovascular: Blood	4	64	64	16	>64	0.25	>16	4	>16	4	1
1987378	<i>A. baumannii</i>	2019	Georgia	Respiratory: Endotracheal aspirate	4	>64	>64	32	>64	0.25	>16	16	>16	2	4
1987388	<i>A. baumannii</i>	2019	Georgia	Respiratory: Endotracheal aspirate	8	64	>64	32	>64	0.25	>16	32	>16	2	2
2035462	<i>A. baumannii</i>	2019	Ukraine	Respiratory: Endotracheal aspirate	8	64	>64	64	>64	0.25	8	16	>16	1	8
1987290	<i>A. baumannii</i>	2019	Georgia	Respiratory: Endotracheal aspirate	4	32	>64	32	>64	2	>16	16	>16	4	4
2028591	<i>A. baumannii</i>	2019	United Kingdom	Cardiovascular: Blood	8	≤1	1	2	4	0.5	0.5	≤0.12	≤0.06	0.25	≤0.06
1987331	<i>A. baumannii</i>	2019	Georgia	Respiratory: Endotracheal aspirate	4	64	>64	32	64	0.25	>16	8	>16	0.5	1
1975524	<i>A. baumannii</i>	2019	Israel	Respiratory: Sputum	4	16	64	>64	>64	0.25	8	4	16	>32	>32
1987383	<i>A. baumannii</i>	2019	Georgia	Respiratory: Endotracheal aspirate	4	>64	>64	32	>64	0.25	>16	32	>16	1	4
1975052	<i>A. baumannii</i>	2019	Israel	Bodily Fluids: Thoracentesis	8	32	>64	>64	>64	0.25	16	8	>16	>32	>32

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
1996909	<i>A. baumannii</i>	2019	Kuwait	Respiratory: Endotracheal aspirate	4	8	32	>64	>64	0.25	0.5	1	16	>32	32
1975075	<i>A. baumannii</i>	2019	Israel	Cardiovascular: Blood	4	4	2	2	16	0.25	0.25	≤0.12	0.12	2	0.12
1977081	<i>A. baumannii</i>	2019	Kuwait	Respiratory: Sputum	4	16	32	64	>64	0.25	0.5	1	>16	>32	32
1969002	<i>A. baumannii</i>	2019	Israel	Respiratory: Bronchoalveolar lavage	4	64	32	>64	>64	0.25	>16	8	>16	8	1
2129362	<i>A. baumannii</i>	2019	Qatar	Respiratory: Sputum	4	2	2	4	32	0.25	0.25	8	0.5	>32	8
2020247	<i>A. baumannii</i>	2019	Israel	Respiratory: Endotracheal aspirate	4	4	4	4	16	0.25	0.5	≤0.12	0.5	1	0.25
2090519	<i>A. baumannii</i>	2019	United States	Respiratory: Sputum	8	≤1	1	2	8	0.25	0.25	≤0.12	≤0.06	0.5	0.25
2014436	<i>A. baumannii</i>	2019	Jordan	Cardiovascular: Blood	8	>64	>64	>64	>64	1	1	8	>16	2	4
2000834	<i>A. baumannii</i>	2019	United States	Respiratory: Bronchoalveolar lavage	4	2	8	4	16	0.25	2	≤0.12	0.25	1	≤0.06
2014387	<i>A. baumannii</i>	2019	Jordan	Respiratory: Sputum	8	32	64	>64	>64	0.5	>16	32	>16	8	2
2088276	<i>A. baumannii</i>	2019	United States	Respiratory: Sputum	8	2	0.5	2	8	0.5	0.5	≤0.12	0.12	>32	0.12
1975118	<i>A. baumannii</i>	2019	Israel	Respiratory: Sputum	4	2	2	4	16	0.25	0.25	≤0.12	0.25	1	0.12

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
1977086	<i>A. baumannii</i>	2019	Kuwait	Respiratory: Endotracheal aspirate	4	32	32	>64	>64	0.25	>16	8	>16	>32	1
1964755	<i>A. baumannii</i>	2019	United States	Bodily Fluids: Peritoneal	4	2	1	4	16	≤0.12	0.25	≤0.12	0.12	1	0.12
1975603	<i>A. baumannii</i>	2019	Israel	Respiratory: Sputum	8	32	64	>64	>64	0.25	>16	8	>16	>32	1
1996748	<i>A. baumannii</i>	2019	Kuwait	Bodily Fluids: Abscess / Pus	4	16	32	64	>64	0.25	0.5	2	>16	>32	32
2088411	<i>A. baumannii</i>	2019	United States	Respiratory: Endotracheal aspirate	4	2	2	4	16	≤0.12	0.5	≤0.12	0.25	0.5	0.25
1975128	<i>A. baumannii</i>	2019	Israel	Respiratory: Sputum	4	16	32	64	>64	0.25	>16	2	>16	2	32
2020244	<i>A. baumannii</i>	2019	Israel	Respiratory: Endotracheal aspirate	8	16	64	16	32	0.25	≤0.12	8	16	1	0.5
1996742	<i>A. baumannii</i>	2019	Kuwait	Genitourinary: Urine	4	8	16	32	>64	0.25	0.5	2	8	>32	>32
1998890	<i>A. baumannii</i>	2019	United States	Respiratory: Sputum	4	8	4	32	>64	0.25	1	16	8	>32	0.25
1963202	<i>A. baumannii</i>	2019	Israel	Respiratory: Sputum	4	2	2	4	8	0.25	0.25	≤0.12	0.12	0.5	0.12
2046028	<i>A. baumannii</i>	2019	Lebanon	Genitourinary: Urine	8	64	64	>64	>64	0.5	>16	8	>16	8	1
2020257	<i>A. baumannii</i>	2019	Israel	Respiratory: Endotracheal aspirate	4	64	>64	>64	>64	0.25	>16	0.5	4	1	>32

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
1992307	<i>A. baumannii</i>	2019	United States	Respiratory: Endotracheal aspirate	4	2	2	4	16	≤0.12	0.5	≤0.12	2	0.5	≤0.06
1963174	<i>A. baumannii</i>	2019	Israel	Respiratory: Sputum	4	4	8	64	>64	≤0.12	0.5	4	0.5	4	8
2129302	<i>A. baumannii</i>	2019	Qatar	Respiratory: Sputum	4	16	32	>64	>64	≤0.12	>16	4	16	>32	≤0.06
1969045	<i>A. baumannii</i>	2019	Israel	Respiratory: Sputum	4	16	16	64	>64	0.25	>16	8	>16	>32	>32
2082231	<i>A. baumannii</i>	2019	United States	Respiratory: Endotracheal aspirate	4	≤1	0.5	1	4	0.25	0.25	≤0.12	≤0.06	0.25	0.12
2082762	<i>A. baumannii</i>	2019	United States	Respiratory: Lungs	4	32	32	64	>64	≤0.12	>16	4	>16	>32	32
1957872	<i>A. baumannii</i>	2019	Israel	Respiratory: Bronchials	4	16	64	>64	>64	0.25	16	4	16	>32	>32
1975714	<i>A. baumannii</i>	2019	Israel	Bodily Fluids: Peritoneal	4	4	8	>64	>64	≤0.12	1	2	0.5	4	8
2082184	<i>A. baumannii</i>	2019	United States	Respiratory: Endotracheal aspirate	4	≤1	0.5	2	8	0.25	0.5	≤0.12	0.12	0.25	0.12
2020240	<i>A. baumannii</i>	2019	Israel	Respiratory: Endotracheal aspirate	4	2	2	8	16	0.25	0.5	≤0.12	0.12	0.5	≤0.06
2090615	<i>A. baumannii</i>	2019	United States	Respiratory: Sputum	4	16	32	32	>64	0.25	0.5	8	16	>32	32
2020248	<i>A. baumannii</i>	2019	Israel	Respiratory: Sputum	8	4	8	16	>64	0.25	>16	0.5	1	>32	4

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
2026189	<i>A. baumannii</i>	2019	Australia	Genitourinary: Urine	4	≤1	0.5	1	8	≤0.12	1	≤0.12	≤0.06	0.25	0.12
2014437	<i>A. baumannii</i>	2019	Jordan	Respiratory: Sputum	8	32	>64	64	>64	0.5	>16	16	>16	8	>32
2019036	<i>A. baumannii</i>	2019	United States	Respiratory: Sputum	8	16	32	64	>64	0.25	>16	2	>16	>32	32
1968943	<i>A. baumannii</i>	2019	Israel	Cardiovascular: Blood	4	64	>64	>64	>64	0.25	2	4	>16	>32	0.5
1990668	<i>A. baumannii</i>	2019	Philippines	Bodily Fluids: Peritoneal	4	64	>64	>64	>64	0.25	>16	32	>16	4	32
1977074	<i>A. baumannii</i>	2019	Kuwait	Genitourinary: Urine	4	8	64	>64	>64	0.25	>16	2	0.25	>32	≤0.06
2020254	<i>A. baumannii</i>	2019	Israel	Respiratory: Endotracheal aspirate	4	2	2	4	16	≤0.12	0.5	≤0.12	0.25	1	0.25
2088269	<i>A. baumannii</i>	2019	United States	Respiratory: Bronchoalveolar lavage	8	2	2	4	16	0.25	1	≤0.12	0.12	0.5	0.25
2004158	<i>A. baumannii</i>	2019	Philippines	Respiratory: Endotracheal aspirate	4	64	>64	>64	>64	0.25	>16	16	>16	4	32
1996891	<i>A. baumannii</i>	2019	Kuwait	Respiratory: Endotracheal aspirate	4	64	64	>64	>64	0.5	>16	2	>16	>32	16
2020255	<i>A. baumannii</i>	2019	Israel	Respiratory: Endotracheal aspirate	4	2	1	2	16	0.25	0.5	≤0.12	0.12	0.25	≤0.06
2053338	<i>A. baumannii</i>	2019	United States	Respiratory: Sputum	8	32	16	>64	>64	0.25	>16	4	>16	>32	8

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
1984887	<i>A. baumannii</i>	2019	Philippines	Respiratory: Sputum	4	64	64	>64	>64	0.25	1	16	>16	4	>32
2014441	<i>A. baumannii</i>	2019	Jordan	Respiratory: Sputum	4	8	8	16	>64	4	>16	>32	16	>32	32
1996925	<i>A. baumannii</i>	2019	Kuwait	Respiratory: Endotracheal aspirate	4	16	32	32	>64	0.25	0.25	2	>16	>32	32
1963468	<i>A. baumannii</i>	2019	United States	Bodily Fluids: Peritoneal	4	2	1	4	16	≤0.12	≤0.12	≤0.12	0.12	0.5	0.12
1976951	<i>A. baumannii</i>	2019	Kuwait	Bodily Fluids: Abscess / Pus	4	8	16	32	>64	0.25	0.5	2	16	>32	32
1996809	<i>A. baumannii</i>	2019	Kuwait	Cardiovascular: Blood	4	64	64	>64	>64	1	>16	2	>16	>32	16
2082626	<i>A. baumannii</i>	2019	United States	Respiratory: Sputum	8	8	16	>64	>64	0.25	>16	8	>16	4	8
1977085	<i>A. baumannii</i>	2019	Kuwait	Gastrointestinal: Rectum	4	8	16	64	>64	0.25	0.5	2	16	>32	16
1996863	<i>A. baumannii</i>	2019	Kuwait	Respiratory: Endotracheal aspirate	4	32	64	64	>64	0.25	0.25	2	>16	>32	16
1992310	<i>A. baumannii</i>	2019	United States	Genitourinary: Urine	4	≤1	16	8	16	≤0.12	0.25	0.25	0.12	0.5	≤0.06
2129359	<i>A. baumannii</i>	2019	Qatar	Respiratory: Sputum	4	≤1	0.5	1	4	0.25	0.25	≤0.12	≤0.06	0.25	0.12
2036956	<i>A. baumannii</i>	2019	Lebanon	Genitourinary: Urine	4	32	64	>64	>64	0.25	>16	8	>16	>32	32
2088470	<i>A. baumannii</i>	2019	United States	Respiratory: Sputum	8	16	32	>64	>64	0.25	2	8	16	1	0.12

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
2129256	<i>A. baumannii</i>	2019	Qatar	Bodily Fluids: Peritoneal	4	≤1	1	2	8	0.25	0.25	≤0.12	≤0.06	0.25	≤0.06
2090509	<i>A. baumannii</i>	2019	United States	Respiratory: Bronchoalveolar lavage	8	>64	32	32	>64	0.25	>16	16	>16	>32	>32
2084306	<i>A. baumannii</i>	2019	United States	Respiratory: Sputum	8	8	16	32	>64	0.25	>16	4	4	>32	>32
2115382	<i>A. baumannii</i>	2019	United States	Genitourinary: Urine	4	2	2	4	16	0.25	0.5	≤0.12	0.25	0.5	0.12
2041470	<i>A. baumannii</i>	2019	United States	Respiratory: Endotracheal aspirate	4	32	64	>64	>64	0.25	>16	8	>16	>32	32
2020680	<i>A. baumannii</i>	2019	Australia	Genitourinary: Urine	4	≤1	1	1	16	0.25	1	≤0.12	0.12	0.25	≤0.06
2024881	<i>A. baumannii</i>	2019	United States	Respiratory: Other	4	32	16	64	>64	0.25	>16	4	>16	>32	32
2092806	<i>A. baumannii</i>	2019	United States	Genitourinary: Urine	4	2	1	4	16	0.25	0.5	≤0.12	≤0.06	0.25	0.12
1984493	<i>A. baumannii</i>	2019	Australia	Respiratory: Sputum	4	2	1	4	16	0.25	0.5	≤0.12	0.12	0.25	0.25
2090612	<i>A. baumannii</i>	2019	United States	Respiratory: Bronchoalveolar lavage	4	64	32	32	>64	0.25	>16	16	>16	>32	>32
2019219	<i>A. baumannii</i>	2019	United States	Respiratory: Endotracheal aspirate	4	8	16	>64	>64	0.25	4	32	>16	4	8
1986328	<i>A. baumannii</i>	2019	United States	Genitourinary: Urine	4	2	1	2	8	0.25	0.5	≤0.12	≤0.06	0.25	0.12

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
2092731	<i>A. baumannii</i>	2019	United States	Respiratory: Other	4	16	32	>64	>64	0.25	>16	16	>16	4	>32
2004640	<i>A. baumannii</i>	2019	United States	Respiratory: Sputum	4	2	1	2	8	≤0.12	0.25	≤0.12	≤0.06	0.25	≤0.06
2000832	<i>A. baumannii</i>	2019	United States	Respiratory: Bronchoalveolar lavage	4	2	2	2	16	0.25	0.25	≤0.12	0.12	0.5	0.25
2043615	<i>A. baumannii</i>	2019	United States	Genitourinary: Urine	4	4	32	>64	>64	0.25	>16	16	>16	4	>32
2088270	<i>A. baumannii</i>	2019	United States	Respiratory: Bronchoalveolar lavage	4	≤1	8	4	8	0.25	>16	≤0.12	0.25	0.5	0.12
2092807	<i>A. baumannii</i>	2019	United States	Respiratory: Endotracheal aspirate	4	32	32	>64	>64	0.25	0.5	16	>16	2	0.5
2082625	<i>A. baumannii</i>	2019	United States	Respiratory: Endotracheal aspirate	8	64	8	32	>64	0.25	>16	4	1	>32	>32
2111440	<i>A. baumannii</i>	2019	United States	Genitourinary: Urine	4	16	16	64	>64	≤0.12	>16	2	>16	>32	>32
2084326	<i>A. baumannii</i>	2019	United States	Respiratory: Sputum	4	8	16	32	>64	0.25	>16	4	4	>32	>32
2053330	<i>A. baumannii</i>	2019	United States	Respiratory: Bronchoalveolar lavage	8	32	32	>64	>64	0.25	>16	2	>16	>32	0.25
2084337	<i>A. baumannii</i>	2019	United States	Respiratory: Endotracheal aspirate	8	8	16	>64	>64	1	0.25	32	16	8	0.5

				MIC values (µg/mL)											
				CLSI Cut-off Values (µg/mL)	N/A	S≤4/8 R≥16/32	S≤8 R≥32	S≤8 R≥32	S≤8 R≥64	S≤2 R≥8	S≤4 R≥16	S≤2 R≥8	S≤2 R≥8	S≤4 R≥16	S≤2/38 R≥4/76
IHMA Clinical Isolate #	Organism	Year Collected	Country	Body Location	OMN6	SAM (2:1)	FEP	CAZ	CRO	COL	GEN	LVX	MEM	TET	TSX (1:19)
2082025	<i>A. baumannii</i>	2019	United States	Genitourinary: Urine	4	2	>64	>64	64	≤0.12	0.25	2	0.5	>32	0.5
1988902	<i>A. baumannii</i>	2019	United States	Respiratory: Sputum	4	4	>64	>64	>64	0.25	>16	16	>16	8	>32
2088463	<i>A. baumannii</i>	2019	United States	Respiratory: Sputum	4	≤1	1	1	4	0.25	0.5	≤0.12	≤0.06	0.25	0.12
2020647	<i>A. baumannii</i>	2019	Australia	Bodily Fluids: Peritoneal	4	2	1	2	8	≤0.12	0.25	≤0.12	0.12	0.5	≤0.06
1988057	<i>A. baumannii</i>	2019	United States	Respiratory: Sputum	4	8	16	32	>64	0.25	>16	4	8	>32	>32
1984885	<i>A. baumannii</i>	2019	Philippines	Respiratory: Endotracheal aspirate	8	32	64	>64	>64	0.25	>16	16	>16	4	32
2115543	<i>A. baumannii</i>	2019	United States	Genitourinary: Urine	4	≤1	1	2	8	≤0.12	0.5	≤0.12	≤0.06	0.5	0.12
1984888	<i>A. baumannii</i>	2019	Philippines	Respiratory: Endotracheal aspirate	4	4	4	4	32	0.25	0.5	≤0.12	0.25	1	0.12
1988946	<i>A. baumannii</i>	2019	United States	Respiratory: Sputum	8	16	16	64	>64	0.25	>16	8	>16	>32	>32
2104368	<i>A. baumannii</i>	2019	Australia	Genitourinary: Urine	4	≤1	≤0.25	≤0.25	1	≤0.12	0.25	≤0.12	≤0.06	≤0.12	≤0.06
2142427	<i>A. baumannii</i>	2019	Australia	Bodily Fluids: Peritoneal	4	≤1	≤0.25	0.5	4	≤0.12	0.5	≤0.12	≤0.06	0.5	0.12
2104351	<i>A. baumannii</i>	2019	Australia	Genitourinary: Urine	4	2	2	4	16	0.25	0.5	≤0.12	0.12	0.5	0.12

Table S2. MIC distribution against 401 clinical isolates tested for OMN6 and other antibiotics. Bacteria were subjected to MIC tests with the broth microdilution method by IHMA Europe Sàrl, following the principles outlined in the CLSI guidelines.

Clinical isolates numbers per MIC value (µg/mL)																		
Drug	≤0.06	≤0.12	0.12	≤0.25	0.25	0.5	≤1	1	2	4	8	>8	16	>16	32	>32	64	>64
OMN6										288	113							
SAM (2:1)							43		49	25	40		63		85		71	25
FEP				6		15		42	27	15	27		50		84		82	53
CAZ				1		2		20	40	43	5		16		31		50	193
CRO								2	7	11	41		42		7		3	288
COL		53			287	28		15	7	2	1	8						
GEN		5			50	75		18	14	6	5		10	218				
LVX		101			1	3		9	64	64	82		39		23	15		
MEM	36		44		18	13		5	4	6	16		58	201				
TET		3			37	57		34	26	32	13		2		3	194		
SXT (1:19)	36		67		18	19		33	15	20	24		17		61	91		

Table S3. Supplementary information about the *A. baumannii-calcoaceticus* species complex strains and clinical isolates tested in the serial passaging study presented in Figure 1 and the MIC study presented in Table 2. The resistance phenotypes of the clinical isolates were characterized by JMI Laboratories (North Liberty, IA, USA) using the broth microdilution method following the principles outlined in the CLSI guidelines. The resistance phenotypes were determined according to CLSI interpretive criteria for meropenem and EUCAST criteria for colistin. Abbreviations: Col-S, colistin-susceptible; Col-R, colistin-resistant; Mer-S, meropenem-susceptible; Mer-R, meropenem-resistant; ATCC, American Type Culture Collection; BPS, Bovine Pulmonary Surfactant; NCTC, National Collection of Type Cultures; N/A, not applicable.

Collection No.	Relevant phenotypes ^a	Continent	Serial passaging study	BPS MIC study
ATCC 19606	Col-S Mer-S	N/A	Yes	
NCTC 13304	Col-S Mer-R	N/A	Yes	
1092865 ^b	Col-S Mer-S	Europe		Yes
1094885 ^b	Col-S Mer-S	North America	Yes	Yes
1095725 ^b	Col-S Mer-R	North America		Yes
1096848 ^b	Col-S Mer-R	Europe	Yes	Yes
1098733 ^b	Col-S Mer-S	Europe		Yes
1111408 ^b	Col-R Mer-S	North America		Yes
1111669 ^b	Col-R Mer-R	North America		Yes
1115893 ^b	Col-R Mer-S	North America		Yes
1115918 ^b	Col-S Mer-S	North America		Yes
1128135 ^b	Col-R Mer-R	Europe		Yes

^a EUCAST breakpoint interpretive criteria were used.

^b Clinical isolate obtained from the 2019 JMI Laboratories SENTRY program.

Table S4. Supplementary information about the resistance pattern of the bacterial strain *A. baumannii* BAA-1793 used in the mouse bacteremia survival model presented in Figure 2. The antibiogram was determined by ATCC according to CLSI guidelines, and is presented in the next table according to the following abbreviations: *S* Susceptible, *I* intermediate, *R* resistant.

Antibiotic name	Resistance pattern	Antibiotic name	Resistance pattern
Amikacin	S	Ciprofloxacin	R
Amoxicillin / Clavulanic acid	R	Gentamicin	S
Ampicillin	R	Imipenem	R
Ampicillin/Sulbactam	S	Levofloxacin	I
Aztreonam	R	Meropenem	R
Cefalotin	R	Moxifloxacin	R
Cefazolin	R	Nalidixic Acid	R
Cefepime	R	Nitrofurantoin	R
Cefotaxime	R	Norfloxacin	R
Cefotetan	R	Piperacillin	R
Cefoxitin	R	Piperacillin / Tazobactam	R
Cefpodoxime	R	Tetracycline	R
Ceftazidime	R	Ticarcillin	R
Ceftizoxime	R	Ticarcillin / Clavulanic acid	R
Ceftriaxone	R	Tigecycline	S
Cefuroxime	R	Tobramycin	R
Cefuroxime Axetil	R	Trimethoprim / Sulfamethoxazole	S

Table S5. Supplementary information about the resistance pattern of the *A. baumannii* ACC000535 clinical isolate used in the chronic lung infection model presented in Figure 3 and in the time-course study presented in Figure 4. The resistance pattern of the different bacterial isolates was characterized by broth microdilution studies for colistin, or with the VITEK 2 (BioMérieux SA, Marcy l'Etoile, France) system for the other antibiotics. The resistance range of each antibiotic has been determined according to CLSI guidelines, and is presented in the next table according to the following abbreviations: *S* Susceptible, *I* intermediate, *R* resistant, *MDR* multidrug resistant, *MIC* Minimal Inhibitory Concentration, *GEN* gentamycin, *AUG* amoxicillin/clavulanic acid, *IMP* imipenem, *CTX* cefotaxime, *CIP* ciprofloxacin, *PTZ* piperacillin/tazobactam, *CAZ* ceftazidime.

Bacteria	Strain	Resistance pattern	Colistin MIC (µg/mL)	VITEK characterization						
				GEN	AUG	IMP	CTX	CIP	PTZ	CAZ
<i>A. baumannii</i>	ACC 00535	MDR	0.25	R	R	I	R	R	R	R