Supplementary Table 2: Reproducibility evaluation of the four carbapenemase screening assays on 20 strains of *Enterobacteriaceae* (n = 10) and non-fermenting Gram-negative bacteria (n = 10)

			MIC range (µg/ml)			Test results [a]											
						BYG			BCT			RCNP			NRCK		
Species	Carbapenemase	Other enzymatic resistance mechanism	MER	IMI	ETP	R1 ([b])	R2 ([b])	R3 ([b])	R1	R2	R3	R1	R2	R3	R1	R2	R3
K. pneumoniae	OXA-48		0,5	0,75	0,75	P (89.0)	P (61.3)	P (49.7)	P	P	P	**D**	**D**	**D**	P	P	P
K. pneumoniae	KPC-3		> 32	16	> 32	P (128.5)	P (112.2)	P (116.0)	P	P	P	P	P	P	P	P	P
K. pneumoniae	-	DHA	2	6	> 32	N (-0.2)	N (0.2)	N (-1.2)	N	N	N	N	N	N	**NI**	N	N
K. oxytoca	-	K-OXY overproduction	4	0,5	4	N (1.3)	N (-0.4)	N (-0.6)	N	**D**	**P**	N	N	N	N	N	N
E. coli	OXA-48		0,25	1	0,5	P (82.1)	P (62.9)	P (62.8)	P	P	P	P	P	P	P	P	P
E. coli	NDM-1		> 32	32	> 32	P (124.8)	P (102.4)	P (113.3)	P	P	P	P	P	P	P	P	P
E. coli	-	CTX-M1	3	1,5	> 32	N (-1.8)	N (-0.8)	N (0.1)	N	N	N	N	N	N	N	N	N
E. cloacae	VIM-1		32	> 32	> 32	P (76.2)	P (105.4)	P (113.6)	P	P	P	P	P	P	P	P	P
E. aerogenes	-	AmpC overproduction	8	32	> 32	N (0.2)	N (-0.1)	N (-5.0)	N	N	N	N	N	N	N	N	N
C. freundii	NDM-1		6	2	> 32	P (134.1)	P (102.4)	P (105.8)	P	P	P	P	P	P	P	P	P
P. aeruginosa	-	BEL-1	0,38	1	NA [c]	N (-0.1)	N (0.9)	N (1.2)	N	N	N	N	N	N	N	N	N
P. aeruginosa	VIM-2		> 32	> 32	NA	P (99.7)	P (65.2)	P (74.8)	P	P	P	P	P	P	P	P	P
P. aeruginosa	VIM-4		> 32	> 32	NA	P (58.6)	P (70.4)	P (89.2)	P	P	P	P	P	P	P	P	P
P. aeruginosa	IMP-7		> 32	> 32	NA	P (73.4)	P (96.7)	P (65.6)	P	P	P	P	P	P	P	P	P
P. monteilii	IMP-13		> 8	> 8	NA	P (25.9)	P (43.3)	P (59.9)	P	P	P	P	P	P	P	P	P
A. baumannii	-	PER-1	1	1	NA	N (0.1)	N (-0.1)	N (0.5)	N	N	N	N	N	N	N	N	N
A. baumannii	OXA-23		32	32	NA	**N** (4.6)	**N** (8.0)	**N** (1.7)	P	**D**	P	**N**	**N**	**N**	**N**	**N**	**N**
A. baumannii	OXA-58		> 32	32	NA	**N** (0.3)	**N** (0.4)	**N** (0.0)	P	P	P	**N**	**N**	**N**	**N**	**N**	**N**
A. baumannii	NDM-1		> 32	> 32	NA	P (25.2)	P (43.1)	P (12.5)	**D**	**N**	**N**	P	P	P	**N**	P	**N**
A. junii	IMP-1		32	8	NA	P (40.0)	P (46.3)	**N** (6.2)	P	P	P	P	P	P	P	P	P

[a] P = positive ; N = negative; D = doubtful ; NI = non-interpretable. Replicate 1 (R1) was performed by operator 1, while replicates 2 (R2) and 3 (R3) were performed by operator 2.

[b] Final signal intensity in AU (measured at 29 minutes among CPE, and 59 minutes among NF)

[c] NA = Not assessed