

**Supplemental Data Table S1.** Comparison of categories between EUCAST-RAST and the Sensititre BMD method as a reference\*

Antimicrobial agent	RAST 4 hr			RAST 6 hr			RAST 8 hr			Reference		
	S	ATU	R	S	ATU	R	S	ATU	R	S	I	R
<i>Escherichia coli</i>												
TZP	0	14	6	6	13	1	12	7	1	20	0	0
CTX	4	1	15	6	0	14	6	0	14	5	0	15
CAZ	4	5	11	8	2	10	8	2	10	10	5	5
IPM	20	0	0	20	0	0	20	0	0	20	0	0
MEM	18	2	0	20	0	0	20	0	0	20	0	0
CIP	2	3	15	3	2	15	4	1	15	5	0	15
AN	7	13	0	15	5	0	18	2	0	20	0	0
GM	10	1	9	11	0	9	11	0	9	11	0	9
NN	9	1	10	10	0	10	10	0	10	13	2	5
SXT	10	0	10	10	0	10	10	0	10	9	0	11
Total	84	40	76	109	22	69	119	12	69	133	7	60
<i>Klebsiella pneumoniae</i>												
TZP	8	6	6	13	6	1	13	7	0	15	5	0
CTX	5	0	15	5	0	15	5	0	15	5	0	15
CAZ	6	2	12	7	2	11	8	1	11	7	1	12
IPM	20	0	0	20	0	0	20	0	0	20	0	0
MEM	20	0	0	20	0	0	20	0	0	20	0	0
CIP	5	3	12	6	3	11	8	1	11	5	3	12
AN	20	0	0	20	0	0	20	0	0	20	0	0
GM	12	0	8	12	0	8	12	0	8	12	0	8
NN	8	5	7	12	7	1	12	7	1	11	6	3
SXT	7	0	13	7	0	13	7	0	13	7	0	13
Total	111	16	73	122	18	60	125	16	59	122	15	63
<i>Staphylococcus aureus</i>												
FOX*	11	0	9	11	0	9	11	0	9	11	0	9
NOR*	13	0	7	13	0	7	13	0	7	13	0	7
GM	16	0	4	16	0	4	16	0	4	16	0	4
CC	15	0	5	15	0	5	15	0	5	15	0	5
Total	55	0	25	55	0	25	55	0	25	55	0	25

\*The EUCAST standard disk diffusion method was used as the reference method.

Abbreviations: BMD, broth microdilution; S, susceptible; ATU, area of technical uncertainty; R, resistant; TZP, piperacillin-tazobactam; CTX, cefotaxime; CAZ, ceftazidime; IPM, imipenem; MEM, meropenem; CIP, ciprofloxacin; AN, amikacin; GM, gentamicin; NN, tobramycin; SXT, trimethoprim-sulfamethoxazole; FOX, ceftiofur; NOR, norfloxacin; CC, clindamycin; RAST, rapid antimicrobial susceptibility testing; EUCAST, European Committee on Antimicrobial Susceptibility Testing.