

Supplementary tables

Reference MIC range	MI	ME	VME
$\geq I + 2$ Or $\geq R + 1$	< 2%	ND	<5%
I+1 to I-1 Or R + S	<40%	<10%	<10%
$\leq I - 2$ Or $\leq S - 1$	ND	< 2%	<5%

Table S1. Error rate-bound method acceptance limits according to CLSI M23. Errors rates for SXT (no intermediate MIC category) parsed as follows: $\geq R+1$, MIC greater than or equal to 1 doubling dilution of the resistant breakpoint; R + S, MIC at susceptible or resistant breakpoint; and $\leq S-1$, MIC less than or equal to 1 doubling dilution of the susceptible breakpoint. Errors rates for LEV (intermediate MIC category) parsed as follows: $\geq I+2$, MIC greater than or equal to 2 doubling dilutions of the intermediate breakpoint; I +/- , MIC plus or minus 1 doubling dilution of the intermediate breakpoint; and $\leq I-2$, MIC less than or equal to 2 doubling dilutions of the intermediate breakpoint.

Etest	CA	Total MI	I by reference, S by test	S by reference, I by test	I by reference, R by test	R by reference, I by test
LEV	85% (93/109)	16% (17/109)	1% (1/109)	6% (9/109)	6% (7/109)	-
MIN	93% (101/109)	7% (8/109)	-	7% (8/109)	-	-
CAZ	71% (77/109)	15% (16/109)	8% (9/109)	2% (2/109)	2% (2/109)	3% (3/109)

MTS	CA	Total MI	I by reference, S by test	S by reference, I by test	I by reference, R by test	R by reference, I by test
SXT	98% (107/109)	1% (1/109)	-	1% (1/109)	-	-
LEV	82% (89/109)	15 % (16/109)	3% (3/109)	7% (8/109)	2% (2/109)	3% (3/109)
MIN	99% (108/109)	1% (1/109)	-	1% (1/109)	-	-
CAZ	73% (80/109)	17% (19/109)	5% (5/109)	6% (6/109)	2% (2/109)	6% (6/109)

Table S2. Rates of categorical agreement (CA) and stratified minor error (MI) on MIC values determined by the E-test and MTS gradient strips relative to BMD and categorized under CLSI breakpoints (M100). Minor error is parsed into four sub-categories. Susceptible (S), Intermediate (I) and Resistant (R).