

TABLE S1 Distribution of dBLIM inhibition zone diameters among spiked blood culture (aerobic and anaerobic bottles) according to meropenem MICs (for carbapenemase-producing *Enterobacterales*, n = 162) and cefotaxime MICs (for extended-spectrum-cephalosporinase-producing *Enterobacterales*, n = 144)

| Blood cultures spiked with carbapenemase-producing <i>Enterobacterales</i> | | | | | | | | |
|--|-----------|------|-------|------|----------|------|----|------|
| MEM MIC (mg/l) | MEM 10 µg | | | | CTX 5 µg | | | |
| | ≤ 6 | 7-12 | 13-14 | ≥ 15 | ≤ 6 | 7-12 | 13 | ≥ 14 |
| 0.25-2 | 22 | 4 | 4 | 4 | 31 | 2 | 1 | 0 |
| >2-4 | 19 | 2 | 1 | 8 | 20 | 5 | 2 | 3 |
| >4-8 | 40 | 8 | 1 | 5 | 51 | 1 | 1 | 1 |
| >8 | 191 | 8 | 2 | 5 | 198 | 5 | 2 | 1 |

| Blood cultures spiked with extended-spectrum-cephalosporinase-producing <i>Enterobacterales</i> | | | | | | | | |
|---|-----------|------|-------|------|----------|------|----|------|
| CTX MIC (mg/l) | MEM 10 µg | | | | CTX 5 µg | | | |
| | ≤ 6 | 7-12 | 13-14 | ≥ 15 | ≤ 6 | 7-12 | 13 | ≥ 14 |
| 1-8 | 0 | 0 | 0 | 34 | 25 | 7 | 1 | 1 |
| >8-16 | 0 | 0 | 0 | 58 | 39 | 14 | 4 | 1 |
| >16 | 0 | 0 | 0 | 196 | 166 | 23 | 0 | 7 |

dBLIM breakpoints and interpretation criteria: np-ESBL/ACBL/CARB EB: MEM ≥ 15, CTX ≥ 14; ESBL-producing EB: MEM ≥ 15, CTX ≤ 12; Carbapenemase-producing EB: MEM ≤ 12; ATU: MEM = 13-14, CTX = 13.

Abbreviations: MEM, meropenem; CTX, cefotaxime; ESBL, extended-spectrum-β-lactamases; ACBL, AmpC-type-β-lactamases; np-ESBL/ACBL/CARB, extended-spectrum-β-lactamases /AmpC-type-β-lactamases/carbapenemases-non-producing; EB, *Enterobacterales*, ATU, area of technical uncertainty.