Table 1. Resistance profiles and genotypes of 162 *A. baumannii* clinical isolates

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Strain type** | **No. of isolates (%)** | **MIC90 (mg/L)** | | | | |  | **Resistance gene** | | | | | | |
| IMI | MER | CAZ | CEF | CIP |  | *bla*OXA-23 | IS*Aba1-bla*OXA-23 | *bla*ADC | IS*Aba1-bla*ADC | S83L | S80L |
| 1 | 107 (66) | >32 | > 32 | >256 | >256 | >32 |  | + | + | + | + | + | + |
| 2 | 10 (6.2) | >32 | >32 | >256 | >256 | >32 |  | + | + | + | - | + | + |
| 3 | 2 (1.2) | >32 | >32 | >256 | 24 | 0.19 |  | + | + | + | + | - | - |
| 4 | 1 (0.6) | 0.25 | 0.19 | 3 | 1.5 | 0.125 |  | + | + | + | + | - | - |
| 5 | 4 (2.5) | >32 | >32 | >256 | 48 | >32 |  | + | + | - | nd | + | + |
| 6 | 2 (1.2) | 0.38 | 0.38 | 3 | 1.5 | 0.25 |  | + | - | + | + | - | - |
| 7 | 3 (1.9) | 0.25 | 0.19 | 3 | 1.5 | 0.125 |  | + | - | + | - | - | - |
| 8 | 1 (0.6) | 0.5 | 0.75 | 2 | 1.5 | 0.125 |  | + | - | - | nd | - | - |
| 9 | 1 (0.6) | 0.25 | 0.25 | 3 | 2 | 0.125 |  | + | + | - | nd | - | - |
| 10 | 5 (3.1) | >32 | >32 | >256 | >256 | 0.64 |  | - | nd | - | nd | - | - |
| 11 | 1 (0.6) | 0.38 | 0.25 | 2 | 1 | 0.94 |  | - | nd | + | - | - | - |
| 12 | 6 (3.7) | 0.25 | 0.25 | 3 | 1.5 | 0.64 |  | - | nd | + | - | - | - |
| 13 | 8 (4.9) | 0.25 | 0.5 | 4 | 2 | 0.25 |  | - | nd | + | + | - | - |
| 14 | 5 (3.1) | >32 | >32 | >256 | >256 | >32 |  | - | nd | - | nd | + | + |
| 15 | 1 (0.6) | 1.5 | 1 | 64 | 6 | > 32 |  | - | nd | + | + | + | + |
| 16 | 1 (0.6) | >32 | >32 | >256 | >256 | >32 |  | - | nd | + | + | + | + |
| 17 | 1 (0.6) | 0.25 | 0.38 | 4 | 3 | >32 |  | + | - | + | - | + | + |
| 18 | 1 (0.6) | >32 | >32 | >256 | >256 | 0.19 |  | - | nd | - | nd | - | - |
| 19 | 1 (0.6) | >32 | >32 | >256 | 48 | >32 |  | + | + | - | nd | + | + |
| 20 | 1 (0.6) | 0.25 | 0.25 | 3 | 2 | 0.125 |  | - | nd | - | nd | - | - |

nd: not determined (IS*Aba1* was not determined in the *A. baumannii* isolates that did not harbour *bla*OXA-51, *bla*OXA-23 or *bla*ADC genes)

IMI = imipemen, MER = meropenem, CAZ = ceftazidime, CEF = cefepime, CIP = ciprofloxacin

Note: MIC values interpretation (CLSI 2013) for susceptible, intermediate and resistance. Carbapenem; ≤ 4, 8, ≥ 16 µg/ml, cephalosporins; ≤ 8, 16, ≥ 32 µg/ml, and ciprofloxacin; ≤ 1, 2, ≥ 4 µg/ml.