



DORIPENEM

For *In Vitro* Diagnostic Use (IVD)

TABLE 2. SPECIFICATIONS, PERFORMANCE, QUALITY CONTROL AND INTERPRETIVE STANDARDS

Specifications

Antibiotic code:	DOR
MIC range:	0.002 - 32 µg/mL
Antibiotic group:	Carbapenem

	Strains (N)	% Essential Agreement (EA) ¹⁾
Performance		
Enterobacteriaceae	358	100
<i>Pseudomonas aeruginosa</i>	171	99
<i>Acinetobacter baumannii</i>	189	100
Anaerobic bacteria	315	100

Notes

¹⁾ EA = % of MIC values within ± 1 dilution of the reference method.

MIC Quality Control Ranges (µg/mL)

<i>Escherichia coli</i>	ATCC [®] 25922	0.008-0.064
<i>P. aeruginosa</i>	ATCC 27853	0.064-0.5
<i>Bacteroides fragilis</i>	ATCC 25285	0.064-0.25
<i>B. thetaotaomicron</i>	ATCC 29741	0.125-0.5
<i>Clostridium difficile</i>	ATCC 700057	0.5-4

FDA MIC Interpretive Standards (µg/mL)²⁾

	Susceptible	Intermediate	Resistant
Enterobacteriaceae ³⁾	≤ 0.5	-	-
<i>P. aeruginosa</i> ³⁾	≤ 2	-	-
<i>A. baumannii</i> ³⁾	≤ 1	-	-
Anaerobic bacteria ³⁾	≤ 2	-	-

Notes

- ²⁾ Please consult the footnotes in the latest CLSI tables for further comments and clarification. Interpretive criteria may be different.
- ³⁾ The absence of resistant strains precludes defining any result category other than "susceptible". Strains yielding results suggestive of a "non-susceptible" category should be submitted to a reference laboratory for further testing.

Limitations

1. There was not sufficient data to evaluate the performance of doripenem with *Peptostreptococcus* spp. An alternate method should be performed.

Important Observations

1. Read the accompanying package insert and other relevant Etest technical information from www.abbiotest.com (Etest Technical Manual).
2. Ensure that the inoculum suspension has the correct CFU/mL to match the appropriate McFarland standard; especially important for fastidious and mucoid organisms.
3. Incubate for the full period; important for delayed resistance and slow growing organisms.
4. For bactericidal agents like doripenem, read the MIC endpoint at complete inhibition of growth.

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