



19 June 2017

To: Recipients of M45, 3rd ed.  
From: Jennifer K. Adams, MT(ASCP), MSHA  
Subject: Corrections

This notification is to inform you of corrections made to CLSI document M45, *Methods for Antimicrobial Dilution and Disk Susceptibility Testing of Infrequently Isolated or Fastidious Bacteria*, 3rd ed.

In several locations, the ATCC® number for quality control (QC) with *Pseudomonas aeruginosa* is listed incorrectly as ATCC® 27583. The correct ATCC® number throughout the guideline is ATCC® 27853. The corrections are shown as highlighted and/or stricken text in the items listed below.

- Corrections were made in the Overview of Changes, in which the ATCC® number for *P. aeruginosa* was listed incorrectly in four instances. The text was revised as follows.

**Table 3. *Aeromonas* spp. (Includes Members of *Aeromonas caviae* Complex, *Aeromonas hydrophila* Complex, and *Aeromonas veronii* Complex)**

Added *Pseudomonas aeruginosa* ATCC® ~~27583~~27853 as recommended QC strain for carbapenems.

**Table 22. Summary of Testing Conditions and Quality Control Recommendations for Infrequently Isolated or Fastidious Bacteria**

Added *P. aeruginosa* ATCC® ~~27583~~27853 as a recommended QC strain for carbapenems when testing *Aeromonas hydrophila* complex and *Vibrio* spp. (including *V. cholerae*).

**Table 23A. MIC: Quality Control Ranges for Nonfastidious Organisms (Unsupplemented Cation-Adjusted Mueller-Hinton Broth)**

Revised QC ranges for *P. aeruginosa* ATCC® ~~27583~~27853 with:

- Ceftazidime
- Doripenem
- Ertapenem
- Imipenem
- Meropenem
- Tetracycline

**Table 24A. Disk Diffusion: Quality Control Ranges for Nonfastidious Organisms (Unsupplemented Mueller-Hinton Medium)**

Revised QC ranges for *P. aeruginosa* ATCC® **2758327853** with:

- Doripenem
  - Ertapenem
  - Imipenem
  - Meropenem
- Corrections were made in Table 22, Summary of Testing Conditions and Quality Control Recommendations for Infrequently Isolated or Fastidious Bacteria, in which the ATCC® number for *P. aeruginosa* was listed incorrectly in two instances. The text was revised as follows in the table excerpt.

**Table 22. Summary of Testing Conditions and Quality Control Recommendations for Infrequently Isolated or Fastidious Bacteria**

| Table No. | Organism/Organism Group                            | Broth Microdilution MIC Test Method | Broth Microdilution MIC Incubation Conditions | Disk Diffusion Test Medium/Incubation Conditions             | QC Strain(s) (see Tables for QC Ranges)  |
|-----------|--|-------------------------------------|---|--|--|
| 20        | <i>Vibrio</i> spp. (including <i>V. cholerae</i> ) | CAMHB <sup>d</sup>                  | 35°C; ambient air; 16-20 h                    | MHA (unsupplemented/35°C; ambient air; 16-18 h) <sup>d</sup> | <i>E. coli</i> ATCC® 25922<br><i>E. coli</i> ATCC® 35218 <sup>b</sup><br><i>P. aeruginosa</i> ATCC® <b>2758327853</b> <sup>c</sup> |

Abbreviations: ATCC®, American Type Culture Collection; CAMHB, cation-adjusted Mueller-Hinton broth; CAMHB-LHB, cation-adjusted Mueller-Hinton broth supplemented with lysed horse blood; QC, quality control; MHA, Mueller-Hinton agar; MIC, minimal inhibitory concentration; N/A, not applicable; No., number.

**Footnotes**

- a. ATCC® is a registered trademark of the American Type Culture Collection.
- b. *E. coli* ATCC® 35218 is used for QC when testing β-lactam/β-lactamase inhibitor combination drugs.
- c. *P. aeruginosa* ATCC® **2758327853** is used for QC when testing carbapenems.
- d. Prepare inoculum in 0.85% NaCl (normal saline).

NOTE: Information in boldface type is new or modified since the previous edition.

If you require any additional clarification regarding this correction, please contact CLSI Customer Service ([customerservice@clsi.org](mailto:customerservice@clsi.org)).

We appreciate your commitment to CLSI, and regret any inconvenience.