



9 March 2016

To: Recipients of M45, 3rd ed.

From: Jennifer K. Adams, MT(ASCP), MSHA

Subject: Editorial Footnote Errors in Tables 17, 23B, 23C, 23D, 23E, 23F, and 24B in CLSI Document M45

This notification is to inform you of footnote labeling errors in Tables 17, 23B, 23C, 23D, 23E, 23F, and 24B of CLSI document M45, 3rd ed., *Methods for Antimicrobial Dilution and Disk Susceptibility Testing of Infrequently Isolated or Fastidious Bacteria*.

The details of each change are below.

In Tables 23C, 23D, and 23F, a footnote (“a”) was attached to “ATCC®” in the column header for *C. jejuni* (23C), *H. pylori* (23D), and *E. coli* (23F), respectively. There are no corresponding footnotes below these tables. The footnote letters have been deleted.

In Table 23E, a footnote (“b”) was attached to “ATCC®” in the column header for *S. aureus*. There is no corresponding footnote “b” below this table. The footnote letter “b” has been deleted.

In Table 17, a footnote (“a”) was attached to four dashes in the MIC “R” column. There are no corresponding footnotes below this table. The locations where the footnote letters have been deleted are highlighted in Table 17, below.

Table 17. *Pasteurella* spp.

Antimicrobial Class	Antimicrobial Agent	Disk Content	Zone Diameter (mm) Interpretive Criteria			MIC (µg/mL) Interpretive Criteria			Comments
			S	I	R	S	I	R	
PENICILLINS AND β-LACTAM/β-LACTAMASE INHIBITOR COMBINATIONS									
	Amoxicillin	–	–	–	–	≤0.5	–	– ^a	See comment (2).
	Amoxicillin-clavulanate	20/10 µg	≥27	–	–	≤	–	– ^a	See comment (2).
	Ampicillin	10 µg	≥27	–	–	≤0.5	–	– ^a	See comment (2).
	Penicillin	10 units	≥25	–	–	≤0.5	–	– ^a	See comment (2).

Abbreviations: I, intermediate; MIC, minimal inhibitory concentration; R, resistant; S, susceptible.



With the exception of footnote “b” in the Ciprofloxacin row, the footnote labeling in Table 23B is incorrect. The locations where the footnotes have been corrected (deleted or changed) are highlighted in Table 23B, below.

Table 23B. MIC: Quality Control Ranges for Broth Microdilution Methods (Cation-Adjusted Mueller-Hinton Broth With Lysed Horse Blood [2.5% to 5% v/v])

Antimicrobial Agent	MIC QC Ranges (µg/mL)		
	<i>S. pneumoniae</i> ATCC® 49619	<i>E. coli</i> ATCC® 25922	<i>E. coli</i> ATCC® 35218 ^a
Amoxicillin	0.03–0.12	–	≥256
Amoxicillin-clavulanate	0.03/0.015–0.12/0.06	–	4/2–16/8 ^b
Ampicillin	0.06–0.25	–	–
Ampicillin-sulbactam	–	–	8/4–32/16 ^b
Azithromycin	0.06–0.25	–	–
Cefepime	0.03–0.25	–	–
Cefotaxime	0.03–0.12	–	–
Ceftriaxone	0.03–0.12	–	–
Chloramphenicol	2–8	–	–
Ciprofloxacin	0.25–1 ^b	–	–
Clarithromycin	0.03–0.12	–	–
Clindamycin	0.03–0.12	–	–
Daptomycin ^c	0.06–0.5	–	–
Doxycycline	0.015–0.12	–	–
Erythromycin	0.03–0.12	–	–
Gatifloxacin	0.12–0.5	–	–
Gentamicin	–	0.25–1 ^b	–
Imipenem	0.03–0.12	–	–
Levofloxacin	0.5–2	–	–
Linezolid	0.25–2	–	–
Meropenem	0.06–0.25	–	–
Minocycline	–	0.25–1 ^b	–
Moxifloxacin	0.06–0.25	–	–
Penicillin	0.25–1	–	–
Quinupristin-dalfopristin	0.25–1	–	–
Rifampin	0.015–0.06	–	–
Tetracycline	0.06–0.5	–	–
Trimethoprim-sulfamethoxazole	0.12/2.4–1/19	–	–
Vancomycin	0.12–0.5	–	–

Abbreviations: ATCC®, American Type Culture Collection; MIC, minimal inhibitory concentration; QC, quality control.



Footnotes

- Because ***E. coli* ATCC® 35218** may lose its plasmid, careful organism maintenance is required; refer to CLSI document M07.²
- These QC ranges were validated for tests performed in cation-adjusted Mueller-Hinton broth with lysed horse blood (**2.5% to 5% v/v**) and were not established by the studies outlined in CLSI document M23.⁶ The validation studies were conducted in at least three laboratories using multiple lots of media.
- QC ranges reflect MICs obtained when Mueller-Hinton broth is supplemented with calcium to a final concentration of 50 µg/mL. Agar dilution has not been validated for daptomycin.

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

In Table 24B, the footnote labeling is incorrect. The locations where the footnotes have been corrected (deleted or changed) are highlighted in Table 24B, below.

Table 24B. Disk Diffusion: Quality Control Ranges for Fastidious Organisms (Mueller-Hinton Medium With 5% Sheep Blood)

Antimicrobial Agent	Disk Content	<i>S. pneumoniae</i> ATCC® 49619
		Disk Diffusion QC Ranges (mm)
Amoxicillin-clavulanate ^a	20/10	–
Ampicillin	10 µg	30–36
Azithromycin	15 µg	19–25
Ceftriaxone	30 µg	30–35
Chloramphenicol	30 µg	23–27
Doxycycline	30 µg	25–34
Erythromycin	15 µg	25–30
Levofloxacin	5 µg	20–25
Moxifloxacin	5 µg	25–31
Penicillin	10 units	24–30
Tetracycline	30 µg	27–31
Trimethoprim-Sulfamethoxazole	1.25/23.75 µg	20–28

Abbreviations: ATCC®, American Type Culture Collection; QC, quality control.

Footnote

- Testing of *S. aureus* ATCC® 25923 using Mueller-Hinton agar (MHA) supplemented with 5% sheep blood has been shown to produce zones within the acceptable range (28 to 36 mm) noted in CLSI document M100³ for unsupplemented MHA.

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

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