

CLSI M100 ED30:2020 – Performance Standards for Antimicrobial Susceptibility Testing, 30th Edition.Table 1. MIC Breakpoints and Zone Diameter Breakpoints for Enterobacterales, including *E. coli*, *Salmonella*, *Klebsiella*, *Enterobacter*, *Citrobacter*, *Providencia*, *Proteus*, and *Morganella*.

Antimicrobial Agent	Disk Content	Resistant MIC Breakpoints, µg/mL	Resistant Zone Diameter Breakpoints, nearest whole mm
Doripenem	10 µg	≥4	≤19
Ertapenem	10 µg	≥2	≤18
Imipenem	10 µg	≥4	≤19
Meropenem	10 µg	≥4	≤19

Adapted with permission from Clinical and Laboratory Standards Institute from: CLSI. Performance Standards for Antimicrobial Disk and Dilution Susceptibility Tests for Bacteria Isolated From Animals. 4th ed. CLSI supplement VET08. Wayne, PA: Clinical and Laboratory Standards Institute; 2018.

Table 2. MIC Breakpoints and Zone Diameter Breakpoints for *Pseudomonas aeruginosa*.

Antimicrobial Agent	Disk Content	Resistant MIC Breakpoints, µg/mL	Resistant Zone Diameter Breakpoints, nearest whole mm
Doripenem	10 µg	≥8	≤15
Imipenem	10 µg	≥8	≤15
Meropenem	10 µg	≥8	≤15

Adapted with permission from Clinical and Laboratory Standards Institute from: CLSI. Performance Standards for Antimicrobial Disk and Dilution Susceptibility Tests for Bacteria Isolated From Animals. 4th ed. CLSI supplement VET08. Wayne, PA: Clinical and Laboratory Standards Institute; 2018.

Table 3. MIC Breakpoints and Zone Diameter Breakpoints for *Acinetobacter* spp.

Antimicrobial Agent	Disk Content	Resistant MIC Breakpoints, µg/mL	Resistant Zone Diameter Breakpoints, nearest whole mm
Doripenem	10 µg	≥8	≤14
Imipenem	10 µg	≥8	≤18
Meropenem	10 µg	≥8	≤14

Adapted with permission from Clinical and Laboratory Standards Institute from: CLSI. Performance Standards for Antimicrobial Disk and Dilution Susceptibility Tests for Bacteria Isolated From Animals. 4th ed. CLSI supplement VET08. Wayne, PA: Clinical and Laboratory Standards Institute; 2018.

CLSI VET08 ED4:2018 – Performance Standards for Antimicrobial Disk and Dilution Susceptibility Tests for Bacteria Isolated from Animals, 4th Edition.

Table 4. MIC Breakpoints and Zone Diameter Breakpoints for Enterobacteriaceae, including *E. coli*, *Salmonella*, *Klebsiella*, *Enterobacter*, *Citrobacter*, *Providencia*, *Proteus*, and *Morganella*.

Test/Report Group	Antimicrobial Agent	Disk Content	Resistant MIC Breakpoints, µg/mL	Resistant Zone Diameter Breakpoints, nearest whole mm
Humans	Imipenem	10 µg	≥4	≤19

Adapted with permission from Clinical and Laboratory Standards Institute from: CLSI. Performance Standards for Antimicrobial Susceptibility Testing. 30th ed. CLSI supplement M100. Wayne, PA: Clinical and Laboratory Standards Institute; 2020.

Table 5. MIC Breakpoints and Zone Diameter Breakpoints for *Pseudomonas aeruginosa*.

Test/Report Group	Antimicrobial Agent	Disk Content	Resistant MIC Breakpoints, µg/mL	Resistant Zone Diameter Breakpoints, nearest whole mm
Humans	Imipenem	10 µg	≥8	≤15

Adapted with permission from Clinical and Laboratory Standards Institute from: CLSI. Performance Standards for Antimicrobial Susceptibility Testing. 30th ed. CLSI supplement M100. Wayne, PA: Clinical and Laboratory Standards Institute; 2020.

The European Committee on Antimicrobial Susceptibility Testing. Breakpoint tables for interpretation of MICs and zone diameters. Version 10.0, 2020.

Table 6. MIC Breakpoints and Zone Diameter Breakpoints for Enterobacteriaceae, including *E. coli*, *Salmonella*, *Klebsiella*, *Enterobacter*, *Citrobacter*, *Providencia*, *Proteus*, and *Morganella*.

Antimicrobial Agent	Disk Content	Resistant MIC Breakpoints, µg/mL	Resistant Zone Diameter Breakpoints, nearest whole mm
Ertapenem	10 µg	>0.5	<25
Imipenem	10 µg	>4	<17
Meropenem	10 µg	>8	<16

Adapted from The European Committee on Antimicrobial Susceptibility Testing. Breakpoint tables for interpretation of MICs and zone diameters. Version 10.0, 2020.

Table 7. MIC Breakpoints and Zone Diameter Breakpoints for *Pseudomonas aeruginosa*.

Antimicrobial Agent	Disk Content	Resistant MIC Breakpoints, µg/mL	Resistant Zone Diameter Breakpoints, nearest whole mm
Imipenem	10 µg	>4	<20
Meropenem	10 µg	>8	<18

Adapted from The European Committee on Antimicrobial Susceptibility Testing. Breakpoint tables for interpretation of MICs and zone diameters. Version 10.0, 2020.

Table 8. MIC Breakpoints and Zone Diameter Breakpoints for *Acinetobacter* spp.

Antimicrobial Agent	Disk Content	Resistant MIC Breakpoints, µg/mL	Resistant Zone Diameter Breakpoints, nearest whole mm
Imipenem	10 µg	>4	<21
Meropenem	10 µg	>8	<15

Adapted from The European Committee on Antimicrobial Susceptibility Testing. Breakpoint tables for interpretation of MICs and zone diameters. Version 10.0, 2020.