

2023 Breakpoint Implementation Toolkit Set #	Organism Group	Antimicrobial Breakpoints to Validate	Isolate Selection AR Bank Panel(s)	Notes
1	Enterobacterales	Carbapenems Cephalosporins Fluoroquinolones	<u>Enterobacterales Carbapenem Breakpoint Implementation Toolkit (BIT)</u>	For cefazolin, 2 susceptible (S) isolates are in this set. Cefazolin-S isolates from other panels can be added, if desired: Carbapenemase Detection panel (n=3) or Delafloxacin panel (n=9)
2	Enterobacterales	Aminoglycosides Colistin Piperacillin-tazobactam	<u>Piperacillin-tazobactam and aminoglycosides for Enterobacterales (PTA)</u>	–
3	<i>Pseudomonas aeruginosa</i>	Aminoglycosides Carbapenems Cephalosporins Colistin Fluoroquinolones Piperacillin-tazobactam	<u>Fluoroquinolones and aminoglycosides Pseudomonas aeruginosa verification (PFA)</u>	The Fluoroquinolones and aminoglycosides <i>Pseudomonas aeruginosa</i> verification set is also suitable for evaluation of other <i>P. aeruginosa</i> breakpoints
4	<i>Acinetobacter baumannii</i> complex	Carbapenems Colistin	<u>Acinetobacter baumannii (ACI)</u>	–

Footnotes

- 30-34 isolates representing a variety of MIC values, and for Enterobacterales also a variety of species, were selected to include in each **2023 BIT set**. An effort was made to select strains that could be used to verify / validate multiple antimicrobial agents. Most of the AR Bank Panels listed contain more than 30 isolates and additional isolates can be included in a laboratory's verification / validation if desired.
- To order a panel, click on the panel name in this column, then click on "Add panel to cart". You will then be directed to register for an account or to sign in if you already have an account.
- For ordering questions or panel customization please e-mail ARBank@cdc.gov.

This is Part D of the of the 2023 Breakpoint Implementation Toolkit. To access the entire BIT Toolkit, visit <https://clsi.org/bit-toolkit/>.