

# EQA10 TEST FORMS

## Test form – *Pseudomonas aeruginosa* panel

Which method did you primarily use for antimicrobial susceptibility testing of *Pseudomonas aeruginosa* in this EQA trial?

- No AST results for submission
- MIC – broth microdilution (automated)
- MIC – broth microdilution (conventional)
- MIC – broth macrodilution (tubes)
- MIC – agar dilution
- Gradient test
- Disk diffusion
- Tablets – Neo Sensitabs, Rosco

Please note: You will be able to change method for each individual antibiotic in the IT module.

Which standard(s)/guideline(s) did you use when performing AST?

- CLSI
- EUCAST
- ISO20776-1:2019
- TREK
- Other

Which incubation conditions did you use?

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Comments or additional information:

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## Test form – *Pseudomonas aeruginosa* Pa EQAsia 25.1

The highlighted antimicrobials could be omitted by the Human Health laboratories.

Strain – <i>Pseudomonas aeruginosa</i>	Antimicrobial	Interpretation		
		≤; =; >	MIC-value (mg/L) or Zone diameter (mm)	S/I/R
<b>Pa EQAsia 25.1</b>  <b>Identification</b>  <input type="checkbox"/> <i>Pseudomonas aeruginosa</i>  <input type="checkbox"/> Non- <i>Pseudomonas aeruginosa</i>  <input type="checkbox"/> Not tested	Amikacin, AMK			
	Aztreonam, AZT			
	Cefepime, FEP			
	Ceftazidime, TAZ			
	Ciprofloxacin, CIP			
	Colistin, COL			
	Doripenem, DOR			
	Gentamicin, GEN			
	Imipenem, IMI			
	Levofloxacin, LEVO			
	Meropenem, MERO			
	Piperacillin/tazobactam, PT4			
	Tobramycin, TOB			

## Test form – *Pseudomonas aeruginosa* Pa EQAsia 25.2

The highlighted antimicrobials could be omitted by the Human Health laboratories.

Strain – <i>Pseudomonas aeruginosa</i>	Antimicrobial	Interpretation		
		≤; =; >	MIC-value (mg/L) or Zone diameter (mm)	S/I/R
<b>Pa EQAsia 25.2</b>  <b>Identification</b>  <input type="checkbox"/> <i>Pseudomonas aeruginosa</i>  <input type="checkbox"/> Non- <i>Pseudomonas aeruginosa</i>  <input type="checkbox"/> Not tested	Amikacin, AMK			
	Aztreonam, AZT			
	Cefepime, FEP			
	Ceftazidime, TAZ			
	Ciprofloxacin, CIP			
	Colistin, COL			
	Doripenem, DOR			
	Gentamicin, GEN			
	Imipenem, IMI			
	Levofloxacin, LEVO			
	Meropenem, MERO			
	Piperacillin/tazobactam, PT4			
	Tobramycin, TOB			

## Test form – *Pseudomonas aeruginosa* Pa EQAsia 25.3

The highlighted antimicrobials could be omitted by the Human Health laboratories.

Strain – <i>Pseudomonas aeruginosa</i>	Antimicrobial	Interpretation		
		≤; =; >	MIC-value (mg/L) or Zone diameter (mm)	S/I/R
<b>Pa EQAsia 25.3</b>  <b>Identification</b>  <input type="checkbox"/> <i>Pseudomonas aeruginosa</i>  <input type="checkbox"/> Non- <i>Pseudomonas aeruginosa</i>  <input type="checkbox"/> Not tested	Amikacin, AMK			
	Aztreonam, AZT			
	Cefepime, FEP			
	Ceftazidime, TAZ			
	Ciprofloxacin, CIP			
	Colistin, COL			
	Doripenem, DOR			
	Gentamicin, GEN			
	Imipenem, IMI			
	Levofloxacin, LEVO			
	Meropenem, MERO			
	Piperacillin/tazobactam, PT4			
	Tobramycin, TOB			

## Test form – *Pseudomonas aeruginosa* Pa EQAsia 25.4

The highlighted antimicrobials could be omitted by the Human Health laboratories.

Strain – <i>Pseudomonas aeruginosa</i>	Antimicrobial	Interpretation		
		≤; =; >	MIC-value (mg/L) or Zone diameter (mm)	S/I/R
<b>Pa EQAsia 25.4</b>  <b>Identification</b>  <input type="checkbox"/> <i>Pseudomonas aeruginosa</i>  <input type="checkbox"/> Non- <i>Pseudomonas aeruginosa</i>  <input type="checkbox"/> Not tested	Amikacin, AMK			
	Aztreonam, AZT			
	Cefepime, FEP			
	Ceftazidime, TAZ			
	Ciprofloxacin, CIP			
	Colistin, COL			
	Doripenem, DOR			
	Gentamicin, GEN			
	Imipenem, IMI			
	Levofloxacin, LEVO			
	Meropenem, MERO			
	Piperacillin/tazobactam, PT4			
	Tobramycin, TOB			

## Test form – *Pseudomonas aeruginosa* Pa EQAsia 25.5

The highlighted antimicrobials could be omitted by the Human Health laboratories.

Strain – <i>Pseudomonas aeruginosa</i>	Antimicrobial	Interpretation		
		≤; =; >	MIC-value (mg/L) or Zone diameter (mm)	S/I/R
<b>Pa EQAsia 25.5</b>  <b>Identification</b>  <input type="checkbox"/> <i>Pseudomonas aeruginosa</i>  <input type="checkbox"/> Non- <i>Pseudomonas aeruginosa</i>  <input type="checkbox"/> Not tested	Amikacin, AMK			
	Aztreonam, AZT			
	Cefepime, FEP			
	Ceftazidime, TAZ			
	Ciprofloxacin, CIP			
	Colistin, COL			
	Doripenem, DOR			
	Gentamicin, GEN			
	Imipenem, IMI			
	Levofloxacin, LEVO			
	Meropenem, MERO			
	Piperacillin/tazobactam, PT4			
	Tobramycin, TOB			

## Test form – *Pseudomonas aeruginosa* Pa EQAsia 25.6

The highlighted antimicrobials could be omitted by the Human Health laboratories.

Strain – <i>Pseudomonas aeruginosa</i>	Antimicrobial	Interpretation		
		≤; =; >	MIC-value (mg/L) or Zone diameter (mm)	S/I/R
<b>Pa EQAsia 25.6</b>  <b>Identification</b>  <input type="checkbox"/> <i>Pseudomonas aeruginosa</i>  <input type="checkbox"/> Non- <i>Pseudomonas aeruginosa</i>  <input type="checkbox"/> Not tested	Amikacin, AMK			
	Aztreonam, AZT			
	Cefepime, FEP			
	Ceftazidime, TAZ			
	Ciprofloxacin, CIP			
	Colistin, COL			
	Doripenem, DOR			
	Gentamicin, GEN			
	Imipenem, IMI			
	Levofloxacin, LEVO			
	Meropenem, MERO			
	Piperacillin/tazobactam, PT4			
	Tobramycin, TOB			

## Test form – *Pseudomonas aeruginosa* Pa EQAsia 25.7

The highlighted antimicrobials could be omitted by the Human Health laboratories.

Strain – <i>Pseudomonas aeruginosa</i>	Antimicrobial	Interpretation		
		≤; =; >	MIC-value (mg/L) or Zone diameter (mm)	S/I/R
<b>Pa EQAsia 25.7</b>  <b>Identification</b>  <input type="checkbox"/> <i>Pseudomonas aeruginosa</i>  <input type="checkbox"/> Non- <i>Pseudomonas aeruginosa</i>  <input type="checkbox"/> Not tested	Amikacin, AMK			
	Aztreonam, AZT			
	Cefepime, FEP			
	Ceftazidime, TAZ			
	Ciprofloxacin, CIP			
	Colistin, COL			
	Doripenem, DOR			
	Gentamicin, GEN			
	Imipenem, IMI			
	Levofloxacin, LEVO			
	Meropenem, MERO			
	Piperacillin/tazobactam, PT4			
	Tobramycin, TOB			

## Test form – Reference strain: *Pseudomonas aeruginosa* ATCC 27853/CCM 3955

Strain – <i>Pseudomonas aeruginosa</i> ATCC 27853/ CCM 3955	Antimicrobial	MIC value (mg/L) or Zone Diameter (mm)
	Amikacin, AMK	
	Aztreonam, AZT	
	Cefepime, FEP	
	Ceftazidime, TAZ	
	Ciprofloxacin, CIP	
	Colistin, COL	
	Doripenem, DOR	
	Gentamicin, GEN	
	Imipenem, IMI	
	Levofloxacin, LEVO	
	Meropenem, MERO	
	Piperacillin/tazobactam, PT4	
	Tobramycin, TOB	