

Test forms for the External Quality Assessment (EQA) for laboratories participating in the European Antimicrobial Resistance Surveillance Network (EARS-Net), 2022

When submitting the results online, the EARS-Net participants will be asked for the following information:

Online submission only

TEST FORM METHODS

Pseudomonas aeruginosa - strain no. _____

For aminoglycosides and colistin, it should be assumed that the antimicrobials will be administered in combination with other agents.

Breakpoints currently based on ECOFF values can be used for interpretation of results, if no others exist, when applicable.

1. Which methodology did you mainly use for antimicrobial susceptibility testing (AST) in this EQA exercise?

- MIC – Broth microdilution
- MIC – Macro dilution (tubes)
- MIC – Agar dilution
- Gradient test
 - E-test
 - MIC strip
 - Other – specify: _____
- Disk/Tablet diffusion
 - Oxoid
 - Neo sensitabs
 - BD/BBL sensi disc
 - MAST
 - Liofilchem
 - Other– specify: _____
- Automated system
 - VITEK
 - Phoenix
 - Microscan Walkaway
 - Other – specify: _____

Other

If other, please specify: _____

2. Which standard/guideline did you use when performing AST?

EUCAST

Other

If other, please specify: _____

3. Would you normally send this (invasive!) strain to a reference or other laboratory?

Yes/No

4. Please change method for the relevant antibiotic(s) if it differs from the chosen method in question 1. The result will by default be set to the information provided in question 1.

Antimicrobial	Method
Amikacin	
Cefepime	
Ceftazidime	
Ciprofloxacin	
Colistin	
Imipenem	
Levofloxacin	
Meropenem	
Piperacillin	
Piperacillin-tazobactam	
Tobramycin	

Strain ID	Antimicrobial	Results and interpretation		
		≤ >	MIC value (mg/L) or zone diameter (mm)	S / I / R / NA
	Amikacin			
	Cefepime			
	Ceftazidime			
	Ciprofloxacin			
	Colistin			
	Imipenem			
	Levofloxacin			
	Meropenem			
	Piperacillin			
	Piperacillin-tazobactam			
	Tobramycin			