



# EQA9 TEST FORMS

## Test form – *Shigella* spp. panel

Which method did you primarily use for antimicrobial susceptibility testing of *Shigella* spp. in this EQA?

- MIC – Microbroth dilution
- MIC – Macro dilution (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 – *Shigella* spp. - Shi EQAsia 24.1

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

Strain – <i>Shigella</i> spp.	Antimicrobial	Interpretation		
		≤; =; >	MIC-value (mg/L) or Zone diameter (mm)	S/I/R
<b>Shi EQAsia 24.1</b>  <b>Identification</b> <input type="checkbox"/> <i>Shigella</i> spp. <input type="checkbox"/> Non- <i>Shigella</i> spp. <input type="checkbox"/> Not tested	Amikacin, AMK			
	Ampicillin, AMP			
	Azithromycin, AZI			
	Cefepime, FEP			
	Cefotaxime, FOT			
	Cefoxitin, FOX			
	Ceftazidime, TAZ			
	Chloramphenicol, CHL			
	Ciprofloxacin, CIP			
	Colistin, COL			
	Ertapenem, ETP			
	Gentamicin, GEN			
	Imipenem, IMI			
	Meropenem, MERO			
	Nalidixic acid, NAL			
	Sulfamethoxazole, SMX			
	Tetracycline, TET			
	Tigecycline, TGC			
	Trimethoprim, TMP			

## Test form – *Shigella* spp. - Shi EQAsia 24.2

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

Strain – <i>Shigella</i> spp.	Antimicrobial	Interpretation		
		≤; =; >	MIC-value (mg/L) or Zone diameter (mm)	S/I/R
<b>Shi EQAsia 24.2</b>  <b>Identification</b> <input type="checkbox"/> <i>Shigella</i> spp. <input type="checkbox"/> Non- <i>Shigella</i> spp. <input type="checkbox"/> Not tested	Amikacin, AMK			
	Ampicillin, AMP			
	Azithromycin, AZI			
	Cefepime, FEP			
	Cefotaxime, FOT			
	Cefoxitin, FOX			
	Ceftazidime, TAZ			
	Chloramphenicol, CHL			
	Ciprofloxacin, CIP			
	Colistin, COL			
	Ertapenem, ETP			
	Gentamicin, GEN			
	Imipenem, IMI			
	Meropenem, MERO			
	Nalidixic acid, NAL			
	Sulfamethoxazole, SMX			
	Tetracycline, TET			
	Tigecycline, TGC			
Trimethoprim, TMP				

## Test form – *Shigella* spp. - Shi EQAsia 24.3

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

Strain – <i>Shigella</i> spp.	Antimicrobial	Interpretation		
		≤; =; >	MIC-value (mg/L) or Zone diameter (mm)	S/I/R
<b>Shi EQAsia 24.3</b>  <b>Identification</b> <input type="checkbox"/> <i>Shigella</i> spp. <input type="checkbox"/> Non- <i>Shigella</i> spp. <input type="checkbox"/> Not tested	Amikacin, AMK			
	Ampicillin, AMP			
	Azithromycin, AZI			
	Cefepime, FEP			
	Cefotaxime, FOT			
	Cefoxitin, FOX			
	Ceftazidime, TAZ			
	Chloramphenicol, CHL			
	Ciprofloxacin, CIP			
	Colistin, COL			
	Ertapenem, ETP			
	Gentamicin, GEN			
	Imipenem, IMI			
	Meropenem, MERO			
	Nalidixic acid, NAL			
	Sulfamethoxazole, SMX			
	Tetracycline, TET			
	Tigecycline, TGC			
Trimethoprim, TMP				

## Test form – *Shigella* spp. - Shi EQAsia 24.4

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

Strain – <i>Shigella</i> spp.	Antimicrobial	Interpretation		
		≤; =; >	MIC-value (mg/L) or Zone diameter (mm)	S/I/R
<b>Shi EQAsia 24.4</b>  <b>Identification</b> <input type="checkbox"/> <i>Shigella</i> spp. <input type="checkbox"/> Non- <i>Shigella</i> spp. <input type="checkbox"/> Not tested	Amikacin, AMK			
	Ampicillin, AMP			
	Azithromycin, AZI			
	Cefepime, FEP			
	Cefotaxime, FOT			
	Cefoxitin, FOX			
	Ceftazidime, TAZ			
	Chloramphenicol, CHL			
	Ciprofloxacin, CIP			
	Colistin, COL			
	Ertapenem, ETP			
	Gentamicin, GEN			
	Imipenem, IMI			
	Meropenem, MERO			
	Nalidixic acid, NAL			
	Sulfamethoxazole, SMX			
	Tetracycline, TET			
	Tigecycline, TGC			
	Trimethoprim, TMP			

## Test form – *Shigella* spp. - Shi EQAsia 24.5

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

Strain – <i>Shigella</i> spp.	Antimicrobial	Interpretation		
		≤; =; >	MIC-value (mg/L) or Zone diameter (mm)	S/I/R
<b>Shi EQAsia 24.5</b>  <b>Identification</b> <input type="checkbox"/> <i>Shigella</i> spp. <input type="checkbox"/> Non- <i>Shigella</i> spp. <input type="checkbox"/> Not tested	Amikacin, AMK			
	Ampicillin, AMP			
	Azithromycin, AZI			
	Cefepime, FEP			
	Cefotaxime, FOT			
	Cefoxitin, FOX			
	Ceftazidime, TAZ			
	Chloramphenicol, CHL			
	Ciprofloxacin, CIP			
	Colistin, COL			
	Ertapenem, ETP			
	Gentamicin, GEN			
	Imipenem, IMI			
	Meropenem, MERO			
	Nalidixic acid, NAL			
	Sulfamethoxazole, SMX			
	Tetracycline, TET			
	Tigecycline, TGC			
	Trimethoprim, TMP			

## Test form – *Shigella* spp. - Shi EQAsia 24.6

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

Strain – <i>Shigella</i> spp.	Antimicrobial	Interpretation		
		≤; =; >	MIC-value (mg/L) or Zone diameter (mm)	S/I/R
<b>Shi EQAsia 24.6</b>  <b>Identification</b> <input type="checkbox"/> <i>Shigella</i> spp. <input type="checkbox"/> Non- <i>Shigella</i> spp. <input type="checkbox"/> Not tested	Amikacin, AMK			
	Ampicillin, AMP			
	Azithromycin, AZI			
	Cefepime, FEP			
	Cefotaxime, FOT			
	Cefoxitin, FOX			
	Ceftazidime, TAZ			
	Chloramphenicol, CHL			
	Ciprofloxacin, CIP			
	Colistin, COL			
	Ertapenem, ETP			
	Gentamicin, GEN			
	Imipenem, IMI			
	Meropenem, MERO			
	Nalidixic acid, NAL			
	Sulfamethoxazole, SMX			
	Tetracycline, TET			
	Tigecycline, TGC			
Trimethoprim, TMP				

## Test form – *Shigella* spp. - Shi EQAsia 24.7

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

Strain – <i>Shigella</i> spp.	Antimicrobial	Interpretation		
		≤; =; >	MIC-value (mg/L) or Zone diameter (mm)	S/I/R
<b>Shi EQAsia 24.7</b>  <b>Identification</b> <input type="checkbox"/> <i>Shigella</i> spp. <input type="checkbox"/> Non- <i>Shigella</i> spp. <input type="checkbox"/> Not tested	Amikacin, AMK			
	Ampicillin, AMP			
	Azithromycin, AZI			
	Cefepime, FEP			
	Cefotaxime, FOT			
	Cefoxitin, FOX			
	Ceftazidime, TAZ			
	Chloramphenicol, CHL			
	Ciprofloxacin, CIP			
	Colistin, COL			
	Ertapenem, ETP			
	Gentamicin, GEN			
	Imipenem, IMI			
	Meropenem, MERO			
	Nalidixic acid, NAL			
	Sulfamethoxazole, SMX			
	Tetracycline, TET			
	Tigecycline, TGC			
	Trimethoprim, TMP			



## Test form – Reference strain: *Escherichia coli* ATCC 25922/CCM 3954

Strain – <i>Escherichia coli</i> ATCC 25922/ CCM 3954	Antimicrobial	MIC value (mg/L) or Zone Diameter (mm)
	Amikacin, AMK	
	Ampicillin, AMP	
	Azithromycin, AZI	
	Cefepime, FEP	
	Cefotaxime, FOT	
	Cefoxitin, FOX	
	Ceftazidime, TAZ	
	Chloramphenicol, CHL	
	Ciprofloxacin, CIP	
	Ertapenem, ETP	
	Gentamicin, GEN	
	Imipenem, IMI	
	Meropenem, MERO	
	Sulfamethoxazole, SMX	
Tetracycline, TET		
Trimethoprim, TMP		

## Test form – Reference strain: *Escherichia coli* NCTC 13846/CCM 8874 (for colistin)

Strain – <i>Escherichia coli</i> NCTC 13846/ CCM 8874	Antimicrobial	MIC value (mg/L) or Zone Diameter (mm)
	Colistin, COL	