

# EQA6 TEST FORMS

## Test form – *Staphylococcus aureus* panel

Which method did you primarily use for antimicrobial susceptibility testing of *Staphylococcus aureus* in this EQA?

- MIC – Broth microdilution (automated)
- MIC – Broth microdilution (conventional)
- MIC – Broth macrodilution (tubes)
- MIC – Agar dilution
- Gradient test
- Disk diffusion

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 – *Staphylococcus aureus* Sa EQAsia 23.1

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

Strain – <i>Staphylococcus aureus</i>	Antimicrobial	Interpretation		
		≤; =; >	MIC-value (mg/L) or Zone diameter (mm)	S/I/R
<b>Sa EQAsia 23.1</b>  <b>Identification</b>  <input type="checkbox"/> <i>Staphylococcus aureus</i>  <input type="checkbox"/> Non- <i>Staphylococcus aureus</i>  <input type="checkbox"/> Not tested	Cefoxitin, FOX			
	Chloramphenicol, CHL			
	Ciprofloxacin, CIP			
	Clindamycin, CLI			
	Erythromycin, ERY			
	Fusidate, FUS			
	Gentamicin, GEN			
	Kanamycin, KAN			
	Linezolid, LZD			
	Penicillin, PEN			
	Quinupristin/Dalfopristin, SYN			
	Rifampin, RIF			
	Sulfamethoxazole, SMX			
	Tetracycline, TET			
	Trimethoprim, TMP			
Vancomycin, VAN				

## Test form – *Staphylococcus aureus* Sa EQAsia 23.2

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

Strain – <i>Staphylococcus aureus</i>	Antimicrobial	Interpretation		
		≤; =; >	MIC-value (mg/L) or Zone diameter (mm)	S/I/R
<b>Sa EQAsia 23.2</b>  <b>Identification</b>  <input type="checkbox"/> <i>Staphylococcus aureus</i>  <input type="checkbox"/> Non- <i>Staphylococcus aureus</i>  <input type="checkbox"/> Not tested	Cefoxitin, FOX			
	Chloramphenicol, CHL			
	Ciprofloxacin, CIP			
	Clindamycin, CLI			
	Erythromycin, ERY			
	Fusidate, FUS			
	Gentamicin, GEN			
	Kanamycin, KAN			
	Linezolid, LZD			
	Penicillin, PEN			
	Quinupristin/Dalfopristin, SYN			
	Rifampin, RIF			
	Sulfamethoxazole, SMX			
	Tetracycline, TET			
	Trimethoprim, TMP			
Vancomycin, VAN				

## Test form – *Staphylococcus aureus* Sa EQAsia 23.3

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

Strain – <i>Staphylococcus aureus</i>	Antimicrobial	Interpretation		
		≤; =; >	MIC-value (mg/L) or Zone diameter (mm)	S/I/R
<b>Sa EQAsia 23.3</b>  <b>Identification</b>  <input type="checkbox"/> <i>Staphylococcus aureus</i>  <input type="checkbox"/> Non- <i>Staphylococcus aureus</i>  <input type="checkbox"/> Not tested	Cefoxitin, FOX			
	Chloramphenicol, CHL			
	Ciprofloxacin, CIP			
	Clindamycin, CLI			
	Erythromycin, ERY			
	Fusidate, FUS			
	Gentamicin, GEN			
	Kanamycin, KAN			
	Linezolid, LZD			
	Penicillin, PEN			
	Quinupristin/Dalfopristin, SYN			
	Rifampin, RIF			
	Sulfamethoxazole, SMX			
	Tetracycline, TET			
	Trimethoprim, TMP			
Vancomycin, VAN				

## Test form – *Staphylococcus aureus* Sa EQAsia 23.4

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

Strain – <i>Staphylococcus aureus</i>	Antimicrobial	Interpretation		
		≤; =; >	MIC-value (mg/L) or Zone diameter (mm)	S/I/R
<b>Sa EQAsia 23.4</b>  <b>Identification</b>  <input type="checkbox"/> <i>Staphylococcus aureus</i>  <input type="checkbox"/> Non- <i>Staphylococcus aureus</i>  <input type="checkbox"/> Not tested	Cefoxitin, FOX			
	Chloramphenicol, CHL			
	Ciprofloxacin, CIP			
	Clindamycin, CLI			
	Erythromycin, ERY			
	Fusidate, FUS			
	Gentamicin, GEN			
	Kanamycin, KAN			
	Linezolid, LZD			
	Penicillin, PEN			
	Quinupristin/Dalfopristin, SYN			
	Rifampin, RIF			
	Sulfamethoxazole, SMX			
	Tetracycline, TET			
	Trimethoprim, TMP			
Vancomycin, VAN				

## Test form – *Staphylococcus aureus* Sa EQAsia 23.5

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

Strain – <i>Staphylococcus aureus</i>	Antimicrobial	Interpretation		
		≤; =; >	MIC-value (mg/L) or Zone diameter (mm)	S/I/R
<b>Sa EQAsia 23.5</b>  <b>Identification</b>  <input type="checkbox"/> <i>Staphylococcus aureus</i>  <input type="checkbox"/> Non- <i>Staphylococcus aureus</i>  <input type="checkbox"/> Not tested	Cefoxitin, FOX			
	Chloramphenicol, CHL			
	Ciprofloxacin, CIP			
	Clindamycin, CLI			
	Erythromycin, ERY			
	Fusidate, FUS			
	Gentamicin, GEN			
	Kanamycin, KAN			
	Linezolid, LZD			
	Penicillin, PEN			
	Quinupristin/Dalfopristin, SYN			
	Rifampin, RIF			
	Sulfamethoxazole, SMX			
	Tetracycline, TET			
	Trimethoprim, TMP			
Vancomycin, VAN				

## Test form – *Staphylococcus aureus* Sa EQAsia 23.6

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

Strain – <i>Staphylococcus aureus</i>	Antimicrobial	Interpretation		
		≤; =; >	MIC-value (mg/L) or Zone diameter (mm)	S/I/R
<b>Sa EQAsia 23.6</b>  <b>Identification</b>  <input type="checkbox"/> <i>Staphylococcus aureus</i>  <input type="checkbox"/> Non- <i>Staphylococcus aureus</i>  <input type="checkbox"/> Not tested	Cefoxitin, FOX			
	Chloramphenicol, CHL			
	Ciprofloxacin, CIP			
	Clindamycin, CLI			
	Erythromycin, ERY			
	Fusidate, FUS			
	Gentamicin, GEN			
	Kanamycin, KAN			
	Linezolid, LZD			
	Penicillin, PEN			
	Quinupristin/Dalfopristin, SYN			
	Rifampin, RIF			
	Sulfamethoxazole, SMX			
	Tetracycline, TET			
	Trimethoprim, TMP			
Vancomycin, VAN				

## Test form – *Staphylococcus aureus* Sa EQAsia 23.7

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

Strain – <i>Staphylococcus aureus</i>	Antimicrobial	Interpretation		
		≤; =; >	MIC-value (mg/L) or Zone diameter (mm)	S/I/R
<b>Sa EQAsia 23.7</b>  <b>Identification</b>  <input type="checkbox"/> <i>Staphylococcus aureus</i>  <input type="checkbox"/> Non- <i>Staphylococcus aureus</i>  <input type="checkbox"/> Not tested	Cefoxitin, FOX			
	Chloramphenicol, CHL			
	Ciprofloxacin, CIP			
	Clindamycin, CLI			
	Erythromycin, ERY			
	Fusidate, FUS			
	Gentamicin, GEN			
	Kanamycin, KAN			
	Linezolid, LZD			
	Penicillin, PEN			
	Quinupristin/Dalfopristin, SYN			
	Rifampin, RIF			
	Sulfamethoxazole, SMX			
	Tetracycline, TET			
	Trimethoprim, TMP			
Vancomycin, VAN				

## Test form – Reference strain: *Staphylococcus aureus* ATCC 25923/CCM 3953 (for disk diffusion)

Strain – <i>Staphylococcus aureus</i> ATCC 25923/CCM 3953 (for disk diffusion)	Antimicrobial	Zone Diameter (mm)
	Cefoxitin, FOX	
	Chloramphenicol, CHL	
	Ciprofloxacin, CIP	
	Clindamycin, CLI	
	Erythromycin, ERY	
	Fusidate, FUS	
	Gentamicin, GEN	
	Kanamycin, KAN	
	Linezolid, LZD	
	Penicillin, PEN	
	Quinupristin/Dalfopristin, SYN	
	Rifampin, RIF	
	Sulfamethoxazole, SMX	
	Tetracycline, TET	
Trimethoprim, TMP		
Vancomycin, VAN		

## Test form – Reference strain: *Staphylococcus aureus* ATCC 29213/CCM 4223 (for MIC)

Strain – <i>Staphylococcus aureus</i> ATCC 29213/CCM 4223 (for MIC)	Antimicrobial	MIC value (mg/L)
	Cefoxitin, FOX	
	Chloramphenicol, CHL	
	Ciprofloxacin, CIP	
	Clindamycin, CLI	
	Erythromycin, ERY	
	Fusidate, FUS	
	Gentamicin, GEN	
	Kanamycin, KAN	
	Linezolid, LZD	
	Penicillin, PEN	
	Quinupristin/Dalfopristin, SYN	
	Rifampin, RIF	
	Sulfamethoxazole, SMX	
	Tetracycline, TET	
Trimethoprim, TMP		
Vancomycin, VAN		