

EQA8 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?

_____ °C/ _____ h

Comments or additional information:

Test form – *Staphylococcus aureus* Sa EQAsia 24.1

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
Sa EQAsia 24.1 Identification <input type="checkbox"/> <i>Staphylococcus aureus</i> <input type="checkbox"/> Non- <i>Staphylococcus aureus</i> <input type="checkbox"/> Not tested <input type="checkbox"/> No growth	Cefoxitin, FOX			
	Chloramphenicol, CHL			
	Ciprofloxacin, CIP			
	Clindamycin, CLI			
	Erythromycin, ERY			
	Fusidic acid, 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 24.2

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
Sa EQAsia 24.2 Identification <input type="checkbox"/> <i>Staphylococcus aureus</i> <input type="checkbox"/> Non- <i>Staphylococcus aureus</i> <input type="checkbox"/> Not tested <input type="checkbox"/> No growth	Cefoxitin, FOX			
	Chloramphenicol, CHL			
	Ciprofloxacin, CIP			
	Clindamycin, CLI			
	Erythromycin, ERY			
	Fusidic acid, 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 24.3

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
Sa EQAsia 24.3 Identification <input type="checkbox"/> <i>Staphylococcus aureus</i> <input type="checkbox"/> Non- <i>Staphylococcus aureus</i> <input type="checkbox"/> Not tested <input type="checkbox"/> No growth	Cefoxitin, FOX			
	Chloramphenicol, CHL			
	Ciprofloxacin, CIP			
	Clindamycin, CLI			
	Erythromycin, ERY			
	Fusidic acid, 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 24.4

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
Sa EQAsia 24.4 Identification <input type="checkbox"/> <i>Staphylococcus aureus</i> <input type="checkbox"/> Non- <i>Staphylococcus aureus</i> <input type="checkbox"/> Not tested <input type="checkbox"/> No growth	Cefoxitin, FOX			
	Chloramphenicol, CHL			
	Ciprofloxacin, CIP			
	Clindamycin, CLI			
	Erythromycin, ERY			
	Fusidic acid, 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 24.5

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
Sa EQAsia 24.5 Identification <input type="checkbox"/> <i>Staphylococcus aureus</i> <input type="checkbox"/> Non- <i>Staphylococcus aureus</i> <input type="checkbox"/> Not tested <input type="checkbox"/> No growth	Cefoxitin, FOX			
	Chloramphenicol, CHL			
	Ciprofloxacin, CIP			
	Clindamycin, CLI			
	Erythromycin, ERY			
	Fusidic acid, 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 24.6

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
Sa EQAsia 24.6 Identification <input type="checkbox"/> <i>Staphylococcus aureus</i> <input type="checkbox"/> Non- <i>Staphylococcus aureus</i> <input type="checkbox"/> Not tested <input type="checkbox"/> No growth	Cefoxitin, FOX			
	Chloramphenicol, CHL			
	Ciprofloxacin, CIP			
	Clindamycin, CLI			
	Erythromycin, ERY			
	Fusidic acid, 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 24.7

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
Sa EQAsia 24.7 Identification <input type="checkbox"/> <i>Staphylococcus aureus</i> <input type="checkbox"/> Non- <i>Staphylococcus aureus</i> <input type="checkbox"/> Not tested <input type="checkbox"/> No growth	Cefoxitin, FOX			
	Chloramphenicol, CHL			
	Ciprofloxacin, CIP			
	Clindamycin, CLI			
	Erythromycin, ERY			
	Fusidic acid, 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	
	Fusidic acid, 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	
	Fusidic acid, FUS	
	Gentamicin, GEN	
	Kanamycin, KAN	
	Linezolid, LZD	
	Penicillin, PEN	
	Quinupristin/Dalfopristin, SYN	
	Rifampin, RIF	
	Sulfamethoxazole, SMX	
	Tetracycline, TET	
Trimethoprim, TMP		
Vancomycin, VAN		