

Materials List for:

Antimicrobial Synergy Testing by the Inkjet Printer-Assisted Automated Checkerboard Array and the Manual Time-Kill Method

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Materials

Name	Company	Catalog Number	Comments
<i>Escherichia coli</i> strain ATCC 25922	ATCC	25922	QC strain
0.5 mL microcentrifuge tubes	USA Scientific	1605-0000	
1 L 0.22 µm bottle-top filter	Thermo Scientific Nalgene	597-4520	
12 mm x 75 mm borosilicate glass round bottom culture tubes	Fisherbrand	14-961-26	
15 mL conical tubes	Phenix	SS-PH15	
15 x 100 mm or 15 x 150 mm Mueller Hinton agar plates	Thermo Scientific	R01620 or R04050	
25 mm stainless steel closures for 25 x 150 mm glass culture tubes	Bellco	2005-02512	
25 x 150 mm borosilicate glass round bottom culture tubes	Bellco	2011-25150	
348-well sterile clear, flat-bottom, untreated microplates with lids	Greiner Bio-One	781186	
50 mL conical tubes	Phenix	SS-PH50	
50 mL sterile reagent reservoirs	Corning	4870	
96 deep well polypropylene microplate with 2 mL wells	Fisherbrand	12-566-612	
96-well sterile clear, round-bottom, untreated microplates with lids	Evergreen	222-8032-01R	
Cation adjusted Mueller Hinton broth	BD Diagnostics	212322	
Colistin sulfate	Alfa Aesar	J60915	
D300e Control Software	HP/Tecan		
DensiCHEK Plus McFarland reader	bioMérieux	21250	
Excel spreadsheet software	Microsoft		
Extra long SHARP 10 µL Precision Barrier Tips	Denville Scientific	P1096-FR	
HP D300 digital dispenser	HP/Tecan		
HP D300 T8+ cassettes	HP/Tecan	30097370	
Minocycline hydrochloride	Chem-Impex	14302	
Picus 12-channel 10-300 µL pipette	Sartorius	735461	
Polysorbate 20	Fisher Bioreagents	BP-337	Brand name: Tween 20
Sodium chloride	Fisher Chemical	S271	

Spectrophotometer	Tecan	Infinite M1000 PRO	
Xplorer 12-channel 50-1200 μ L pipette	Eppendorf	2231000328	