

Materials List for:

# Establishing the Minimal Bactericidal Concentration of an Antimicrobial Agent for Planktonic Cells (MBC-P) and Biofilm Cells (MBC-B)

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## Materials

Name	Company	Catalog Number	Comments
1x M63			Prepare as a 5x M63 stock by dissolving 15g KH <sub>2</sub> PO <sub>4</sub> , 35g K <sub>2</sub> HPO <sub>4</sub> and 10g (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> in 1 L of water. This stock does not need to be autoclaved and can be stored at room temperature. Dilute 5x stock 1:5, autoclave, cool, then add the desired components.
KH <sub>2</sub> PO <sub>4</sub>	Fisher	P285-500	
K <sub>2</sub> HPO <sub>4</sub>	Fisher	P288-500	
(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>	Sigma	A5132	
Magnesium sulfate	Fisher	M63-500	Add to 1 mM final concentration. Prepare as a 1 M stock in water and autoclave.
Tobramycin	Sigma		Prepare 50 mg/m stock. Aliquot and store at -20°C.
Arginine	Sigma	A5131	Add to 0.4% final concentration. Prepare as a 20% stock in water and filter sterilize. This alternative carbon/energy source can replace glucose and casamino acids
96-well microtiter plates	Corning	3595	Sterile, flat-bottom, low evaporation
Tranferpette (multichannel pipette)	BrandTech	2703610	8-channel, 20-200 µl
Multiprong device	Dan-Kar	MC48	48 prongs fit into ½ of a 96-well microtiter plate