

Materials List for:

Microtiter Dish Biofilm Formation Assay

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Materials

Name	Company	Catalog Number	Comments
1 X M63			Prepare as a 5X M63 stock by dissolving 15g KH ₂ PO ₄ , 35g K ₂ HPO ₄ and 10g (NH ₄) ₂ SO ₄ in 1 L of water. This stock d-s 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 ₂ PO ₄	Fisher Scientific	P285-500	
K ₂ HPO ₄	Fisher Scientific	P288-500	
(NH ₄) ₂ SO ₄	Sigma-Aldrich	A5132	
Magnesium sulfate	Fisher Scientific	M63-500	Add to 1 mM final concentration. Prepare as a 1 M stock in water and autoclave.
Glucose	Fisher Scientific	D16-3	Add to 0.2% final concentration. Prepare as a 20% stock in water and autoclave.
Casamino acids	BD Biosciences	223050	Add to 0.5% final concentration. Prepare as a 20% stock in water and autoclave.
Arginine	Sigma-Aldrich	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
Microtiter plates	BD Biosciences	353911	Falcon 3911, Microtest III, Flexible assay plates, 96 well, U-bottom, non-sterile, non-tissue-culture treated.
Microtiter plate lids	BD Biosciences	353913	The lids can be reused by cleaning with 95% ethanol in water.
Crystal violet	Sigma-Aldrich	229641000	Prepare as a 0.1% solution in water.