

Materials List for:

# Production and Visualization of Bacterial Spheroplasts and Protoplasts to Characterize Antimicrobial Peptide Localization

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URL: <https://www.jove.com/video/57904>

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## Materials

Name	Company	Catalog Number	Comments
Trizma hydrochloride (Tris HCl)	Sigma	T3253	
Trizma base (Tris OH)	Sigma	T1503	
Magnesium chloride	Sigma	M8266	
Sucrose	Sigma	S7903	
Lysozyme	Sigma	L6876	
Deoxyribonuclease I	Sigma	D4527	
Ethylenediaminetetraacetic acid	Sigma	106361	Used Sigma 106361 in original protocol development; 106361 discontinued with ED2SS as replacement
Cephalexin hydrate	Sigma	C4895	
Ampicillin	Fisher Scientific	BP1760	
BBL Trypticase soy broth	Fisher Scientific	B11768	
BF2 P11A FITC	NeoScientific	Custom ordered	
di-8-ANEPPS	Biotium	61012	
DMSO	Sigma	34869	Used Sigma D8779 in original protocol development; D8779 discontinued with 34869 as replacement
Maleic acid	Sigma	M0375	
Acrodisc 25 mm Syringe Filter w/ 0.2 µm HT Tuffryn Membrane	Pall Corporation	4192	
Laser scanning confocal microscope	Leica Microsystems	TCS SP5 II	For image acquisition
Leica Application Suite, Advanced Fluorescence	Leica Microsystems		For image processing