

Materials List for:

# Separation of the Cell Envelope for Gram-negative Bacteria into Inner and Outer Membrane Fractions with Technical Adjustments for *Acinetobacter baumannii*

Melina B. Cian<sup>1</sup>, Nicole P. Giordano<sup>1</sup>, Joshua A. Mettlach<sup>1</sup>, Keaton E. Minor<sup>1</sup>, Zachary D. Dalebroux<sup>1</sup>

<sup>1</sup>Department of Microbiology and Immunology, University of Oklahoma Health Sciences Center

\*These authors contributed equally

Correspondence to: Zachary D. Dalebroux at [zdalebro@ouhsc.edu](mailto:zdalebro@ouhsc.edu)

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## Materials

Name	Company	Catalog Number	Comments
1 L Centrifuge bottles, PC/PPCO, super speed, with sealing cap, Nalgene	VWR	525-0466	
1 L Pyrex Media Storage Bottle with High Temperature Cap	VWR	10416-312	
2,000 mL Erlenmeyer Flask, Narrow Mouth	VWR	10545-844	
4-20% mini PROTEAN Precast Protein Gels, 12 well	BIORAD	4561095	
4x Laemmli Sample Buffer 10 mL	BIORAD	1610747	
50 mL sterile polypropylene centrifuge tubes	VWR	89049-174	
7 mL Dounce Tissue Homogenizer with Two Glass Pestles	VWR	71000-518	
70 mL polycarbonate bottle assembly	Beckman Coulter Life Sciences	355622	
Agar Powder	VWR	A10752	
B10P Benchtop pH Meter with pH Probe	VWR	89231-664	
Barnstead GenPure xCAD Plus UV/UF - TOC (bench version)	ThermoFisher Scientific	50136146	
Benzonase Nuclease	MilliporeSigma	70746-3	
EDTA disodium salt dihydrate 99.0-101.0%, crystals, ultrapure Bioreagent Molecular biology grade, J.T. Baker	VWR	4040-01	
EmulsiFlex-C3	Avestin, Inc.		
Fiberlite F13-14 x 50cy Fixed Angle Rotor	ThermoFisher Scientific	75006526	
Hydrochloric acid 6.0 N	VWR	BDH7204	
IBI Scientific Orbital Platform Shaker	Fischer Scientific	15-453-211	
LB Broth Miller	VWR	214906	
Lysozyme, Egg White, Ultra Pure Grade	VWR	VWRV0063	
Magnesium chloride hexahydrate	Sigma Aldrich	M2670	
NADH	Sigma Aldrich	10107735001	

Optima XPN-80 - IVD	Beckman Coulter Life Sciences	A99839	
Pharmco Products PURE ALCOHOL 200 PROOF GL 4/CS	Fischer Scientific	NC1624582	
Phenol Solution, Equilibrated with 10 mM Tris HCl, pH 8.0, 1 mM EDTA, BioReagent, for molecular biology	Sigma - Millipore	P4557	
Pierce Coomassie Plus (Bradford) Assay Kit	ThermoFisher	23238	
Pro-Q emerald 300 Lipopolysaccharide Gel Stain Kit	ThermoFisher	P20495	
Proteasease -50, EDTA free	G Biosciences	786-334	
Proteinase K, Molecular Biology Grade	New England Biolabs	P8107S	
Sodium hydroxide ≥99.99%	VWR	AA45780-22	
Sorval RC 6 Plus Centrifuge	ThermoFisher Scientific	36-101-0816	
Sucrose	MilliporeSigma	SX1075-3	
SW 41 Ti Swinging-Bucket Rotor	Beckman Coulter Life Sciences	331362	
Tris(hydroxymethyl)aminomethane (TRIS, Trometamol) ≥99.9% (dried basis), ultrapure Bioreagent Molecular biology grade, J.T. Baker	VWR	JT4109-6	
Type 45 Ti Fixed-Angle Titanium Rotor	Beckman Coulter Life Sciences	339160	
Ultra-Clear Tube ,14 x 89mm	Beckman Coulter Life Sciences	344059	
Vortex-Genie 2	VWR	102091-234	