

Materials List for:

Isolation of Lipoprotein Particles from Chicken Egg Yolk for the Study of Bacterial Pathogen Fatty Acid Incorporation into Membrane Phospholipids

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Materials

Name	Company	Catalog Number	Comments
Ammonium sulfate	Fisher	BP212R-1	≥99.5% pure
Cell culture incubator	Thermo	MaxQ 6000	
Centrifuge	Thermo	75-217-420	Sorvall Legen XTR, rotor F14-6x250 LE
Costar assay plate	Corning	3788	96 well
Filter paper	Schleicher & Schuell	597	
Large chicken egg	N/A	N/A	Common store bought egg
Microplate spectrophotometer	BioTek	Epoch 2	
NaCl	Sigma	S9625	
S. aureus strain AH1263	N/A	N/A	Provided by Alex Horswill of the University of Colorado
Dialysis tubing	Pierce	68700	7,000 MWCO
Tryptone	Becton, Dickison and Company	211705	
0.5 mm zirconium oxide beads	Next Advance	ZROB05	
Bullet Blender	Next Advance	BBX24B	
Methanol (LC-MS grade)	Fisher	A4561	
Chloroform (reagent grade)	Fisher	MCX10559	
Isopropanol (LC-MS grade)	Fisher	A4611	
Dimyristoyl phosphatidylcholine	Avanti Polar Lipids	850345C-25mg	
Ammonium bicarbonate	Sigma	9830	≥99.5% pure
Ammonium formate	Sigma	70221-25G-F	
Xcalibur software	Thermo Scientific	OPTON-30801	
LTQ-Orbitrap Velos mass spectrometer	Thermo Scientific		high resolution/accurate mass MS
Agilent 1260 capillary HPLC	Agilent		
SpeedVac Vacuum Concentrators	Thermo Scientific		