

Materials List for:

Enrichment of Bacterial Lipoproteins and Preparation of N-terminal Lipopeptides for Structural Determination by Mass Spectrometry

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Materials

Name	Company	Catalog Number	Comments
Materials			
0.01 mm Zirconia/silica beads	BioSpec Products	110791012	
Acetic acid	EMD	AX0073-9	
Acetone	EMD	AX0116-6	
Acetonitrile	EMD	AX0142-6	
Ammonium bicarbonate	Fluka Analytical	09830	
BioTrace NT Nitrocellulose	PALL Life Sciences	66485	
Bovine serum albumin (BSA) digest standard	Protea	PS-204-1	
Chloroform	Acros Organics	423550025	
Ethylenediaminetetraacetic acid (EDTA)	Fisher Scientific	BP118	
HPLC Grade water	EMD	WX0008-1	
Lysozyme	Fisher Scientific	BP535-1	
Methanol	Sigma-Aldrich	34860	
Phenylmethyl sulfonyl fluoride (PMSF)	Amresco	0754	
Pierce trypsin protease	Thermo Scientific	90057	
Ponceau S	Acros Organics	161470100	
Protein LoBind Tube 0.5mL	Eppendorf	022431064	
Sodium bicarbonate	Sigma-Aldrich	792519	
Sodium chloride	Macron Fine Chemicals	7581-06	
Trifluoroacetic acid (TFA)	Sigma-Aldrich	299537	
Tris-hydrochloride (HCl)	Fisher Scientific	BP152	
Triton X-114	Sigma-Aldrich	93422	
Tryptic soy broth (TSB)	BD	211822	
α-cyano-4-hydroxycinnamic acid (MS Grade)	Sigma-Aldrich	C8982	
Name	Company	Catalog Number	Comments
Equipment			
MagNALyser	Roche		
Trans-Blot Turbo Transfer System	Bio-Rad		
MALDI-TOF target	Bruker Daltonics		
Ultraflexextreme MALDI-TOF-TOF	Bruker Daltonics		Equipped with a 355 nm frequency-tripled Nd:YAG smartbeam-II laser