

Nonspecific Proteolysis-Based Glycomics Strategy for Bacterial Glycoproteins

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Materials

Name	Company	Catalog Number	Comments
2,5-dihydroxybenzoic acid (DHB),	Sigma-Aldrich (St. Louis, MO)	149357	
2-Propanol	Fisher Scientific(Ottawa, Ontario, Canada)	AA22906K7	
4000 Q-Trap	AB Sciex (Concord, Canada)		Mass spectrometer
4800 MALDI-TOF/TOF	Applied Biosystems (Foster City, CA)		Mass spectrometer
acetonitrile (ACN)	Fisher Scientific(Ottawa, Ontario, Canada)	A996-4	
Brain Heart Infusion (BHI) broth	Sigma-Aldrich (St. Louis, MO)	5121	
C18 Sep-Pak cartridges	Waters (Milford, MA).	WAT036945	
chloroform	Sigma-Aldrich (St. Louis, MO)	CX1054	
Difco	Fisher Science (Ottawa, Ontario, Canada)	DF0037-17-8	Fisher Science
dimethyl sulfoxide (DMSO)	Sigma-Aldrich (St. Louis, MO)	276855	
Eppendorf tube	Diamed (Mississauga, Ontario, Canada)	SPE155-N	
glacial acetic acid	Sigma-Aldrich (St. Louis, MO)	A6283	
methanol	Fisher Scientific, Ottawa, Ontario, Canada)	A544-4	
methyl iodide	Sigma-Aldrich (St. Louis, MO)	289566	
PGC cartridge	Thermo Scientific(Waltham, MA)	60106-303	Porous graphitic carbon
Pronase E	Sigma-Aldrich (St. Louis, MO)	7433-2	
Protein Assay Kit	Bio-rad (Mississauga, Ontario, Canada)	5000001	
Refrigerated vacuum concentrator	Thermo Scientific(Waltham, MA)	SRF110P2-230	
sodium hydroxide	Sigma-Aldrich (St. Louis, MO)	367176	
Sonicator Ultrasonic Processor	Mandel Scientific (Guelph, Ontario, Canada)	XL 2020	
Trifluoacetic acid (TFA)	Fisher Scientific(Ottawa, Ontario, Canada)	A11650	
Tris-HCl	Sigma-Aldrich (St. Louis, MO)	T3253	