

Materials List for:

An Efficient Sample Preparation Method to Enhance Carbohydrate Ion Signals in Matrix-assisted Laser Desorption/Ionization Mass Spectrometry

Yu-Meng Ou^{1,2}, Shu-Yun Kuo¹, Hsun Lee¹, Huan-Tsung Chang², Yi-Sheng Wang¹

¹Genomic Research Center, Academia Sinica

²Department of Chemistry, National Taiwan University

Correspondence to: Yi-Sheng Wang at wer@gate.sinica.edu.tw

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Materials

Name	Company	Catalog Number	Comments
Reagent			
Detergent powder	Alconox	242985	
Methanol	Merck	106009	
Acetonitrile	Merck	100003	
2,5-dihydroxybenzoic acid (DHB)	Alfa Aesar	A11459	
sialyl-lewis A (SLe ^A)	Sigma-Aldrich	S1782	
Maltoheptaose	Sigma-Aldrich	M7753	
Pipette tips	Mettler Toledo	17005091	
Microcentrifuge tube	Axygen	MCT-150-C	
Equipment			
Milli-Q water purification system	Millipore	ZMQS6VFT1	
Powder-free nitrile gloves	Microflex	SU-690	
600 mL beaker	Duran	2110648	
Ultrasonic cleaner	Delta	DC300H	
Hygrometer	Wisewind	5330	
Nitrogen gas flowmeter	Dwyer	RMA-6-SSV	
K-type thermocouples	Digitron	311-1670	
Vortex mixer	Scientific Industries	SI-0236	
Mini centrifuge	Select BioProducts	Force Mini	
Pipette	Rainin	pipet-lite XLS	
Stereomicroscope	Olympus	SZX16	
Temperature controllable drying chamber	This lab		
Ultraflex II TOF/TOF mass spectrometer	Bruker Daltonics		
MTP 384 target plate polished steel BC	Bruker Daltonics	8280781	
Flexcontrol Version 3.4	Bruker Daltonics		Control software
Fleximaging Version 2.1	Bruker Daltonics		Imaging software
Flexanalysis Version 3.4	Bruker Daltonics		Analysis software