

Preparation of Hard Palm Seeds for Matrix-Assisted Laser Desorption/Ionization-Imaging Mass Spectrometry Analysis

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Materials

Name	Company	Catalog Number	Comments
1 mL Gastight Syringe Model 1001 TLL, PTFE Luer Lock	Hamilton Company	81320	
2,5-Dihydroxybenzoic acid	Sigma Aldrich Co, MO, USA	149357	
APCI needle	Bruker Daltonik, Bremen, Germany	602193	
AxiDraw V3 xy motion platform	Evil Mad Scientist, CA, USA	2510	
Carbon double-sided conductive tape			
Compass Data Analysis software			creation of mass list
Compressed air			
copper double-faced adhesive tape	3M, USA	1182-3/4"X18YD	
Cryostat CM 1860 UV	Leica Biosystems, Nussloch, Germany		
Diamond Wafering Blade 15 HC			
Everhart-Thornley detector			
FlexImaging	Bruker Daltonik, Bremen, Germany		image acquisition
FTMS Processing	Bruker Daltonik, Bremen, Germany		data calibration
Gelatin from bovine skin	Sigma Aldrich Co, MO, USA	G9391	
High Profile Microtome Blades Leica 818	Leica Biosystems, Nussloch, Germany	0358 38926	
indium tin oxide coated glass slide	Bruker Daltonik, Bremen, Germany	8237001	
Inkscape	Inkscape Project c/o Software Freedom Conservancy, NY, USA		
IsoMet 1000 precision cutter	Buehler, Illinois, USA		
Methanol	J.T.Baker	9093-03	

Mili-Q water			18.2 MΩ.cm
Oil vacuum pump			
Optimal Cutting Temperature Compound	Fisher HealthCare, Texas, USA	4585	
Parafilm "M" Sealing Film	Amcor	HS234526B	
Quanta 450 FEG	FEI Co, Hillsboro, OR, USA		
SCiLS Lab (Multi-vendor support) MS Software	Bruker Daltonik, Bremen, Germany		
Software INCA Suite 4.14 V	Oxford Instruments, Ableton, UK		
Solarix 7T	Bruker Daltonik, Bremen, Germany		
Syringe pump	kdScientific, MA, USA	78-9100K	
Trifluoroacetic acid	Sigma Aldrich Co, MO, USA	302031	
X-Max spectrometer	Oxford Instruments, Ableton, UK		