

Materials List for:

Analysis of N-glycans from *Raphanus sativus* Cultivars Using PNGase H⁺

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Materials

Name	Company	Catalog Number	Comments
Chemicals:			
Trichloroacetic acid	SCR, Shanghai	80132618	
Acetic acid glacial	Huada, Guangzhou	64-19-7	
Acetonitrile	General-reagent	G80988C	
Trifluoroacetic acid	Energy chemical	W810031	
2-aminobenzamide	Heowns, Tianjin	A41900	
Sodium cyanoborohydride	J&K Scientific Ltd	314162	
Dimethyl sulfoxide	Huada, Guangzhou	67-68-5	
2AB-labeled dextran ladder, 200 pmol	Agilent Technologies	AT-5190-6998	
6-Aza-2-thiothymine	Sigma	275514	
Tools/Materials:			
Kitchen blender	Bear, Guangzhou	LLJ-A10T1	
Centrifuge	Techcomp	CT15RT	
Centrifugal Evaporator	Hualida, Taicang	LNG-T120	
SPE column	Supelco	Supelclean ENVI Carb SPE column	
MALDI-TOF mass spectrometer	Bruker	Autoflex	
HPLC Analysis:			
High-recovery HPLC vial	Agilent Technologies	# 5188-2788	
HPLC System	Shimadzu	Nexera	
Fluorescence Detector for HPLC	Shimadzu	RF-20Axs	
Column oven	Hengxin	CO-2000	
HPLC Column	Waters	Acquity UPLC BEH glycan column	2.1 × 150 mm, 1.7 μm particle size
LCMS-grade Water	Merck Millipore	#WX00011	
LCMS-grade Acetonitrile	Merck Millipore	# 100029	
Formic acid	Aladdin	F112034	
Ammonia solution	Aladdin	A112080	