

Materials List for:

A Lectin HPLC Method to Enrich Selectively-glycosylated Peptides from Complex Biological Samples

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Materials

Name	Company	Catalog Number	Comments
Human plasma			We make this in house
Human lactoferrin	Sigma-Aldrich	L0520	Trypsin-digest before use
Yeast invertase	Sigma-Aldrich	I0408	Trypsin-digest before use
Oass HLB SPE cartridges	Waters	WAT094225	1 cc volume
ZipTip pipet tips	Fisher Scientific	ZTC1 8M0 96	Millipore, C18 for 10 ml pipette
Tris	Fisher Scientific	BP154-1	99%
Ammonium bicarbonate	Sigma-Aldrich	A6141	99%
Calcium chloride	Sigma-Aldrich	C4901	96%
Magnesium chloride	Sigma-Aldrich	M8266	98%
Acetic acid	Sigma-Aldrich	242853	99.7%
pH indicator paper	Fisher Scientific	M95903	Range 0-14
Acetonitrile	Fisher Scientific	A998	99.9%
Formic acid	Pierce, Thermo Scientific	28905	99%
Phosphate-buffered saline	Invitrogen	14190-136	Without calcium and magnesium
Sodium azide	Sigma-Aldrich	71289	99.5%
PNGase F	New England Biolabs	P0705L	Glycerol-free
Vacuum-filter flasks	Fisher Scientific	SCGVU05RE	0.2 mm pores
POROS-AL beads	Applied Biosystems	1-6028-02	
<i>Aleuria aurantia</i> lectin	Vector Laboratories	L-1390	
<i>Sambucus nigra</i> agglutinin	Vector Laboratories	L-1300	
Sodium cyanoborohydride	Sigma-Aldrich	296945	5.0 M solution