

Materials List for

Host Cell Protein Analysis using Enrichment Beads Coupled with Limited Digestion

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jove.com/video/65544

Materials

Name	Company	Catalog Number	Comments
16 G, Metal Hub Needle, 2 in, point style 3	Hamilton	91016	
Acclaim PepMap 100 C18 trap column (20 cm × 0.075 mm)	Thermo Fisher	164535	
Acetonitrile	Fisher-Scientific	A955	
Acetonitrile with 0.1% Formic Acid (v/v), Optima LC/MS Grade	Fisher-Scientific	LS120-4	
Amicon Ultra-0.5 Centrifugal Filter Unit	Millipore Sigma	UFC5010	
C18 analytical column (0.075 mm × 1.7 μm × 30 cm, 100 Å)	CoAnn Technologies	HEB075030017181	
Centrifuge 5424	Eppendorf	5405000646	
Dithiothreitol (DTT)	Thermo Fisher	A39255	
Frit for SPE cartridges, 9.5 mm, 3 mL, 100/pk	Agilent	12131020	
GL-Tip GC	GL Sciences Inc	7820-11201	
in-house mAb	Regeneron		concentration 200 mg/mL
Iodoacetamide (30 x 9.3 mg)	Thermo Fisher	A39271	
Isopropanol	Fisher-Scientific	149320025	
L-Histidine	Sigma Aldrich	H6034	
L-Histidine monohydrochloride monohydrate	Sigma Aldrich	53370	
Methanol	Fisher-Scientific	A456-4	
Milli-Q	Millipore	30035	
NanoDrop 2000	Thermo Scientific	ND-2000	
Orbitrap Exploris 480	Thermo Fisher	BRE725539	
Protein LoBind Tube 0.5 mL	Eppendorf (VWR)	22431064	
Protein LoBind Tube 2.0 mL	Eppendorf (VWR)	22431102	
Proteome Discoverer software 2.4	Thermo Scientific		
ProteoMiner Protein Enrichment Large-Capacity Kit	Bio-Rad	1633007	

ProteoMiner Protein Enrichment Small-Capacity Kit	Bio-Rad	1633006	
Sodium deoxycholate (SDC)	Sigma Aldrich	D6750	
Sodium lauroyl sarcosinate (SLS)	Sigma Aldrich	L5777	
SpeedVac	Labconco	7970010	
Thermomixer R	Eppendorf	22670107	
Trifluoroacetic acid (TFA)	Fisher-Scientific	28904	
Trypsin (Sequencing Grade Modified) (5 x 20 ug)	Promega	V5111	
Tube Revolver Rotator	Thermo Fisher	88881001	
UltiMate 3000 RSLC nano system	Thermo Fisher	ULTIM3000RSLCNANO	
UltraPure 1 M Tris-HCl pH 8.0	Thermo Fisher	15568-025	
Vortex Genie 2	VWR	102091-234	
Water with 0.1% Formic Acid (v/v), Optima LC/MS Grade	Fisher-Scientific	LS118-4	