

Materials List for:

# Deep Proteome Profiling by Isobaric Labeling, Extensive Liquid Chromatography, Mass Spectrometry, and Software-assisted Quantification

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URL: <https://www.jove.com/video/56474>

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## Materials

Name	Company	Catalog Number	Comments
1220 LC system	Agilent	G4288B	
50% Hydroxylamine	Thermo Scientific	90115	
Acetonitrile	Burdick & Jackson	AH015-4	
Bullet Blender	Next Advance	BB24-AU	
Butterfly Portfolio Heater	Phoenix S&T	PST-BPH-20	
C18 tips	Harvard Apparatus	74-4607	
Dithiothreitol (DTT)	Sigma	D5545	
DMSO	Sigma	41648	
Formic acid	Sigma	94318	
Fraction Collector	Gilson	FC203B	
Glass Beads	Next Advance	GB05	
HEPES	Sigma	H3375	
Iodoacetamide (IAA)	Sigma	I6125	
Lys-C	Wako	125-05061	
Methanol	Burdick & Jackson	AH230-4	
Pierce BCA Protein Assay kit	Thermo Scientific	23225	
Mass Spectrometer	Thermo Scientific	Q Exactive HF	
nanoflow UPLC	Thermo Scientific	Ultimate 3000	
ReproSil-Pur C18 resin, 1.9um	Dr. Maisch GmbH	r119.aq.0003	
Self Pck Columns	New Objective	PF360-75-15-N-5	
Sodium deoxycholate	Sigma	30970	
Speedva	Thermo Scientific	SPD11V	
TMT 10plex Isobaric label reagent	Thermo Scientific	90110	
Trifluoroacetic acid (TFA)	Applied Biosystems	400003	
Trypsin	Promega	V511C	
Urea	Sigma	U5378	
Xbridge Column C18 column	Waters	186003943	
Ziptips C18	Millipore	ZTC18S096	
SepPak 1cc 50mg	Waters	WAT054960	