

Materials List for:

Detection of Protein Ubiquitination Sites by Peptide Enrichment and Mass Spectrometry

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Materials

Name	Company	Catalog Number	Comments
1,4-Dithioerythritol	Sigma-Aldrich	D8255	
3M Empore C18 Octadecyl disks	Supelco	66883-U	product discontinued at Supelco; CDS Analytical is the new manufacturer (https://www.cdsanalytical.com/empore)
Ammonium formate	Sigma-Aldrich	70221	
Bortezomib	UBPbio		
CSH130 resin, 3.5 µm, 130 Å	Waters		
Dimethylsulfoxide (DMSO)	Sigma-Aldrich	34869	
DMEM	ThermoFisher		
EASY-nanoLC 1200	ThermoFisher		
FBS	Gibco		
GF/F filter plug	Whatman	1825-021	
Iodoacetamide	Sigma-Aldrich	I6125	
Lysine, Arginine	Sigma-Aldrich		
Lysine-8 (¹³ C ₆ , ¹⁵ N ₂), Arginine-10 (¹³ C ₆ , ¹⁵ N ₄)	Cambridge Isotope Laboratories		
Lysyl Endopeptidase(LysC)	Wako Pure Chemicals	129-02541	
NanoLC oven	MPI design, MS Wil GmbH		
N-Lauroylsarcosine sodium salt	Sigma-Aldrich	L-5125	
Orbitrap Fusion Lumos mass spectrometer	ThermoFisher		
Pierce BCA Protein Assay Kit	ThermoFisher / Pierce	23225	
PLRP-S (300 Å, 50 µm) polymeric reversed phase particles	Agilent Technologies	PL1412-2K01	
PTMScan Ubiquitin Remnant Motif (K-ε-GG) Kit	Cell Signaling Technologies	5562	
Sep-Pak tC18 6 cc Vac Cartridge	Waters	WAT036790	Remove the tC18 material from the cartridge before filling the cartridge with PLRP-S
Sodium deoxycholate	Sigma-Aldrich	30970	
Tris-base	Sigma-Aldrich	T6066	
Tris-HCl	Sigma-Aldrich	T5941	
Trypsin, TPCK Treated	ThermoFisher	20233	