

Materials List for:

The ChroP Approach Combines ChIP and Mass Spectrometry to Dissect Locus-specific Proteomic Landscapes of Chromatin

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URL: <https://www.jove.com/video/51220>

DOI: [doi:10.3791/51220](https://doi.org/10.3791/51220)

Materials

Name	Company	Catalog Number	Comments
DMEM	Lonza	BE12-614F	
FBS	Invitrogen	10270-106	
SILAC DMEM	M-Medical	FA30E15086	
Dialyzed FBS	Invitrogen	26400-044	
Lysine 0 (12C6 14N2 L-lysine)	Sigma Aldrich	L8662	
Arginine 0 (12C6 14N4 L-arginine)	Sigma Aldrich	A6969	
Lysine 8 (13C6 15N2 L-lysine)	Sigma Aldrich	68041	
Arginine 10 (13C6 15N4 L-arginine)	Sigma Aldrich	608033	
Micrococcal Nuclease	Roche	10 107 921 001	
Complete, EDTA-free Protease Inhibitor Cocktail Tablets	Roche	04 693 132 001	
Spectra/Por 3 dialysis tubing, 3.5K MWCO, 18mm flat width, 50 foot length	Spectrumlabs	132720	
QIAquick PCR purification kit	QIAGEN	28104	
Anti-Histone H3 tri-methylated K9-ChIP grade	Abcam	ab8898	
Histone H3 peptide tri-methyl K9	Abcam	ab1773	
Dynabeads Protein G	Invitrogen	100.04D	
NuPAGE Novex 4-12% Bis-Tris Gel	Invitrogen	NP0335BOX	
Colloidal Blue Staining Kit	Invitrogen	LC6025	
LDS Sample Buffer	Invitrogen	NP0007	
Formaldehyde	Sigma Aldrich	F8775	
Acetic anhydride-d6	Sigma Aldrich	175641-1G	
Name	Company	Catalog Number	Comments
Formic Acid	Sigma Aldrich	94318-50ML-F	
Iodoacetamide ≥99% (HPLC), crystalline	Sigma Aldrich	I6125	
DL-Dithiothreitol	Sigma Aldrich	43815	
Sequencing Grade Modified Trypsin, Frozen 100 µg (5 × 20 µg)	Promega	V5113	
Nanospray OD 360µm x ID 75µm, tips ID 8 µm uncoated Pk 5	Microcolumn Srl	FS360-75-8-N-5-C15	

ReproSil-Pur 120 C18-AQ, 3 µm 15% C	Dr. Maisch GmbH	r13.aq.	
Carbon extraction disk, 47 mm	Agilent Technologies	12145040	
Cation extraction disk	Agilent Technologies	66889-U	