

Materials List for:

Application of MassSQUIRM for Quantitative Measurements of Lysine Demethylase Activity

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Materials

Name	Company	Catalog Number	Comments
LSD1	BPS Biosciences	50100	
H3K4me2-biotin peptide	Prepared in Lab	none	
POROS R2 20 micron beads	Applied Biosystems	1-1129-06	
C ₁₈ ZipTip	EMD Millipore	ZTC18M	
Trifluoroacetic acid (TFA)	Thermo Fisher Scientific, Inc.	28904	
acetonitrile	Fisher Scientific	A996	
2,5-dihydroxybenzoic acid	Sigma-Aldrich	85707	
Borane dimethylamine	Sigma-Aldrich	180238	
isotopically heavy d ₂ -formaldehyde	Cambridge Isotope Laboratories	DLM-805-20	
Tris	Fisher Scientific	BP154	
KCl	Fisher Scientific	BP366	
MgCl ₂	Fisher Scientific	BP214	
Glycerol	Fisher Scientific	G33	
Formic acid	Fluka	06440	
Methanol	Fisher Scientific	A452	
Na-phosphate	Fisher Scientific	BP329	
SpeedVac Concentrator	Savant	DNA110	
MALDI-prOTOF mass spectrometer and TOFworks software	PerkinElmer, Inc.	none	