

Materials List for:

Profiling Thiol Redox Proteome Using Isotope Tagging Mass Spectrometry

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Materials

Name	Company	Catalog Number	Comments
MetroMix 500	BWI Companies	TX-500	
3,3'-Diaminobenzidine	Sigma-Aldrich	D8001	
ReadyPrep Sequential Extraction kit Reagent 3	Bio-Rad	163-2104	
CB-X protein assay	Geno Technology	786-12x	
cysTMT reagents	Thermo Scientific Pierce Protein Research Products	90071	
Laemmli Sample Buffer	Bio-Rad	161-0737	
Bio-Safe Comassie (G-250 stain)	Bio-Rad	161-0786	
Microcon 3KD column	EMD Millipore	42403	
Immobilized Anti-TMT resin	Thermo Scientific Pierce Protein Research Products	90076	
Centrifuge column	Thermo Scientific Pierce Protein Research Products	89896	
Proteopep II C18 column	New Objective	PFC7515-PP2-10	
NanoLC-1D HPLC	AB Sciex	90389	
LTQ Orbitrap XL	Thermo Fisher Scientific, Inc.	0020137580	
SpeedVac	Labconco Corp.	7812013	
Proteome Discoverer 1.2 software	Thermo Scientific Pierce Protein Research Products		
Trypsin	Promega Corp.	V5111	
Oakridge Centrifuge Tube	Thermo Scientific Nalgene Company	3139-0050	
Microcentrifuge tube (2ml)	USA Scientific, Inc.	1620-2700	
12% Mini-PROTEAN TGX Precast Gel	Bio-Rad	456-1043	
Top of Form >Bio-Safe Coomassie StainBottom of Form	Bio-Rad	161-0786	
TMT enrichment kit	Thermo Scientific Pierce Protein Research Products	90077	