

Materials List for:

Lipid Droplet Isolation for Quantitative Mass Spectrometry Analysis

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Materials

Name	Company	Catalog Number	Comments
SILAC Protein Quantitation Kit - DMEM	Thermo Fisher	89983	
¹³ C ₆ L-Arginine-HCl 50 mg	Thermo Fisher	88210	
Roti-Load 1	Roth GmbH	K929.1	
Roti-Blue 5x Concentrate	Roth GmbH	A152.2	
10x SDS-Tris-Glycine - Buffer	Geyer Th. GmbH & Co.KG	A1415,0250	
GlutaMAX (100x)	Life Technologies GmbH	350500038	
Penicillin/Streptomycin Solution for Cell Culture	Sigma-Aldrich Chemie GmbH	P4333-100ml	
DPBS 1x Dulbecco's Phosphate-buffered Saline	Sigma-Aldrich Chemie GmbH	D8537	
Trypsin-EDTA	Sigma-Aldrich Chemie GmbH	T3924-100ML	
Sodium Chloride <i>BioChemica</i>	AppliChem GmbH	A1149,1000	
Tris Ultrapure	AppliChem GmbH	A1086,5000A	
EDTA <i>BioChemica</i>	AppliChem GmbH	A1103,0250	
Protease Inhibitor Cocktail 5 mL	Sigma-Aldrich Chemie GmbH	P8340-5ML	
D(+)-Sucrose <i>BioChemica</i>	AppliChem GmbH	A3935,1000	
Hydrochloric acid (HCl) 37% pure Ph. Eur., NF	AppliChem GmbH	A0625	
DC Protein Assay	Bio-Rad Laboratoris GmbH	500-0116	
Glycerol	AppliChem GmbH	151339	
SDS Ultrapure	AppliChem GmbH	A1112	
Bromophenol blue	AppliChem GmbH	A2331	
β-Mercaptoethanol	AppliChem GmbH	A4338	
Blasticidin	Invivogen	ant-bl-1	
Potassium Chloride	AppliChem GmbH	A1039	
Phenylmethanesulfonyl Fluoride	AppliChem GmbH	A0999	
Potassium Phosphate Monobasic	Sigma-Aldrich Chemie GmbH	221309	
Dipotassium Hydrogenphosphate	Sigma-Aldrich Chemie GmbH	P3786	
DTT	AppliChem GmbH	A2948	
NP-40	AppliChem	A1694	
TWEEN 20	AppliChem	A4974	
Nonfat dried milk powder	AppliChem	A0830	
Anti-ADFP/ ADRP	abcam	ab52355	
M6PRB1/TIP47 100 µg	abcam	ab47639	

Calreticulin, pAb 200 µg	Enzo Life Science GmbH	ADI-SPA-600-F	
Anti-β-Tubulin	Sigma-Aldrich Chemie GmbH	T6074 200µl	
Ethanol absolute (EtOH)	Geyer Th. GmbH & Co.KG	A3678,0250	
Anti-MnSOD	Enzo Life Science GmbH	ADI-SOD-110-F	
Anti-mouse HRP	Thermo Fisher Pierce	32430	
Anti-rabbit HRP	Thermo Fisher Pierce	32460	
Amersham Hyperfilm ECL	GE Healthcare	28906836	
Lumi-Light Western Blotting Substrate	Sigma-Aldrich Chemie GmbH	12015196001	
96-Well Cell Culture Plate	Greiner Bio-One GmbH	655 180	
Terumo Syringe 1 mL	Terumo	SS-01T	
Filtropur BT 50, 500 mL, 0.45 µm	SARSTEDT	83.1823.100	
Mini-PROTEAN TGX Precast Gels, Any kD resolving gel	Bio-Rad Laboratoris GmbH	456-9034	
6-Well Cell Culture Plate	Greiner Bio-One GmbH	657160	
Dishes Nunclon 150/20	Fisher Scientific GmbH	10098720 - 168381	
Cell Scraper	neoLab Migge GmbH	C-8120	
Tube, 50 mL	Greiner Bio-One GmbH	227261	
SafeSeal Tube RNase-free	SARSTEDT	72.706.400	
Ultra Clear Centrifuge Tubes 11 x 60 mm	Beckman Coulter GmbH	344062	
Suction Needles	Transcodent	6482	
Biosphere Fil. Tip 1000	SARSTEDT	70.762.211	
Biosphere Fil. Tip 200	SARSTEDT	70.760.211	
Biosphere Fil. Tip 10	SARSTEDT	70.1130.210	
Dounce Tissue Grinder	Fisher Scientific GmbH	11883722	
Pestles For Dounce All-Glass Tissue Grinders	Fisher Scientific GmbH	10389444	
Orbitrap Fusion			
Branson Sonifier 450			
Thermomixer comfort, with Thermoblock 1.5 mL	Eppendorf	5355 000.127	
Mini-PROTEAN Tetra Cell, Mini Trans-Blot Module, and PowerPac Basic Power Supply,	BioRad	165-8033	
Mini-PROTEAN 3 Multi-Casting Chamber	BioRad	165-4110	
PowerPac HC Power Supply	Biorad	164-5052	
Centrifuge	Eppendorf	5424R	
Centrifuge	Eppendorf	5424	
Optima L-90K	Beckman Coulter GmbH	365670	
SW 60 Ti Rotor	Beckman Coulter GmbH	335649	
Infinite M1000 PRO	Tecan		