

Materials List for:

A Primary Human Trophoblast Model to Study the Effect of Inflammation Associated with Maternal Obesity on Regulation of Autophagy in the Placenta

Bailey Simon^{*1}, Matthew Bucher^{*2}, Alina Maloyan¹

¹Knight Cardiovascular Institute, Oregon Health and Science University

²Department of Obstetrics and Gynecology, Oregon Health and Science University

*These authors contributed equally

Correspondence to: Alina Maloyan at maloyan@ohsu.edu

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Materials

Name	Company	Catalog Number	Comments
10X HBSS	Gibco	14185-052	
CaCl ₂ (anhyd.)	Sigma-Aldrich	C1016-100G	
MgSO ₄ (anhyd.)	Sigma-Aldrich	M7506-500G	
Hepes	Fisher Scientific	BP310-500	
Trypsin	Gibco	15090-046	
DNAse	Worthington Biochemical Corp.	LS002139	
Protease/Phosphatase inhibitors	ThermoFisher Scientific	88668	
Tris HCl	Invitrogen	15506-017	
EDTA	Invitrogen	15576-028	
NaCl	Sigma-Aldrich	S7653-1KG	
SDS	Fisher Scientific	BP166-600	
Sodium deoxycholate.	Fisher Scientific	AAJ6228822	
Triton X-100	Sigma-Aldrich	X100-500ML	
Iscove's Modified Dulbecco's Medium (IMDM)	Gibco	12440-046	
Fetal Bovine Serum (FBS)	Corning	35-010-CV	
Neonatal Calf Serum (NCS)	Gibco	26010-074	
Penicillin/Streptomycin (Pen/Strep)	Gibco	15140-122	
10% Formalin	Fisher Scientific	23-427-098	
DMSO	Sigma-Aldrich	D2650-100ML	
TNF α	Sigma-Aldrich	SRP3177-50UG	
Phosphate Buffered Saline (PBS)	Gibco	70013-032	
K ₂ EDTA vacutainer blood collection tubes	BD	366450	
Percoll (Density Gradient Media, DGM)	GE Healthcare	17-0891-01	
6 well plates	Corning	353046	
Cell strainers	Fisher Scientific	22363549	
Eppendorf Safe-Lock Tubes 2.0 mL, natural	Fisher Scientific	22363352	
Trypan Blue	Corning	25-900-CI	
Bio-Rad Mini-PROTEAN Tetra System	Bio-Rad	1658001FC	
Bio-Rad Mini Trans-Blot Cell	Bio-Rad	1658033	

TGX FastCast Acrylamide Kit, 12%	Bio-Rad	1610175	
Mini-Protean 3 Multi-Casting Chamber	Bio-Rad	1654112	
4X Laemmli Sample Buffer	Bio-Rad	1610747	
2-Mercaptoethanol	Sigma-Aldrich	M3148-100ML	
Glycine	Bio-Rad	1610718	
Tween-20	Sigma-Aldrich	P7949-500ML	
Instant Nonfat Dry Milk	Carnation		
Rubicon (D9F7) Rabbit mAb	Cell Signalling Technology	8465S	
Monoclonal Anti- β -Actin antibody produced in mouse	Sigma-Aldrich	A2228-100UL	
Anti-rabbit IgG, HRP-linked Antibody	Cell Signalling Technology	7074S	
Anti-mouse IgG, HRP-linked Antibody	Cell Signalling Technology	7076S	
SuperSignal West Pico PLUS Chemiluminescent Substrate	Thermo Scientific	34578	