

Materials List for:

Adipo-Clear: A Tissue Clearing Method for Three-Dimensional Imaging of Adipose Tissue

Jingyi Chi¹, Audrey Crane¹, Zhuhao Wu^{2,3}, Paul Cohen¹

¹Laboratory of Molecular Metabolism, The Rockefeller University

²Laboratory of Brain Development and Repair, The Rockefeller University

³Laboratory of Molecular Genetics, The Rockefeller University

Correspondence to: Zhuhao Wu at Zhuhao.Wu@rockefeller.edu, Paul Cohen at Paul.Cohen@rockefeller.edu

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Materials

Name	Company	Catalog Number	Comments
1x phosphate buffered saline	Corning	21-040-CV	
Paraformaldehyde	Sigma Aldrich	P6148-1KG	
Methanol	Fisher Scientific	A412SK-4	
Triton X-100	Sigma Aldrich	X100-500ML	
Tween 20	Sigma Aldrich	P2287-500ML	
Heparin	Sigma Aldrich	H3393-100KU	
Dichloromethane	Sigma Aldrich	270991	
Hydrogen peroxide 30%	Fisher Scientific	325-100	
Benzyl ether	Sigma Aldrich	108014	
Agarose	Invitrogen	16500500	
Sodium azide	Sigma Aldrich	71289-5G	
Glycine	Fisher Scientific	BP381-1	
Rabbit polyclonal anti-Tyrosine Hydroxylase	Millipore	AB152	1:200 dilution
Goat polyclonal anti-CD31/PECAM-1	R&D Systems	AF3628	Final concentration of 2 µg/mL
Rat monoclonal anti-CD68, Clone FA-11	Bio-Rad	MCA1957	Final concentration of 2 µg/mL
Donkey anti-rabbit IgG (H+L) Alexa Fluor 647	Jackson ImmunoResearch	711-605-152	Final concentration of 5-10 µg/mL
Donkey anti-goat IgG (H+L) Alexa Fluor 568	Invitrogen	A11077	Final concentration of 5-10 µg/mL
Donkey anti-rat IgG (H+L) Alexa Fluor 647	Jackson ImmunoResearch	712-605-153	Final concentration of 5-10 µg/mL
Imaging chamber	ibidi	80287	
Light sheet microscope	LaVision BioTec	Ultramicroscope II	
Imaging software	LaVision BioTec	Inspector software	
Microscopy visualization software	Bitplane	Imaris	