

Materials List for:

Imaging Cleared Intact Biological Systems at a Cellular Level by 3DISCO

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Materials

Name	Company	Catalog Number	Comments
Thy-1 GFP (GFP-M) mouse			Can be obtained from Jackson.
CX3CR1 GFP mouse			Can be obtained from Littman lab at NYU.
TgN(hGFAP-ECFP) mouse			Can be obtained from Jackson.
Paraformaldehyde	Sigma	P6148	
Na ₂ HPO ₄	Mallinckrodt	7917-16	
NaH ₂ PO ₄	Mallinckrodt	7892-04	
2-2-2 Tribromoethanol	Sigma	T48402	
2-Methyl-2-butanol	Sigma	152463	Used to prepare Avertin solution.
Saline	Braun		
Tetrahydrofuran	Sigma	186562-12X100ML	
Dichloromethane	Sigma	270997-12X100ML	
Dibenzyl ether	Sigma	Sigma, 108014-1KG	
Benzyl alcohol	Sigma	305197-100ML	
Benzyl benzoate	Sigma	B6630-250ML	
Lectin FITC	Sigma	L0401-1MG	
anti-CC10	Santa Cruz	SC-9772	0.388888889
Heparin	APP pharmaceuticals	504001	Used in perfusion.
Glass vials	VWR	548-0554	
Forceps	FST	11251-10	
Mini Rotator	VWR	100498-878	
Aluminum Foil	Fisherbrand	01-213-104	
100 ml Media Storage Bottles	Kimax Media Bottles	EW-34523-00	
Minipuls evolution perfusion pump with MF4* medium flow pump head	Gilson, Inc	F110701 and F117606	
Microscopy slide	VWR	48311-703	
FastWell	Grace Bio-Labs	FW20	
Cover slip	Corning	2940-245	
Glass petri dish	Corning Pyrex	3160-101	
Dental cement	Lang Dental	1223PNK	
Quantofix Peroxide Test Strips	Sigma	37206	
Amira with RT resolve microscopy module	Visage Imaging	image analysis software	
Imaris	Bitplane imaging	image analysis software	

ImageJ	NIH	freeware	
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