

Materials List for

A Tissue Clearing Method for Neuronal Imaging from Mesoscopic to Microscopic Scales

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Materials

Name	Company	Catalog Number	Comments
16x multi-immersion objective lens	Leica Microsystems	HC FLUOTAR 16x/0.60 IMM CORR VISIR	
Agar	Nacalai Tesque	01028-85	
Agarose	TaKaRa Bio	L03	
Dimethyl sulfoxide	Nacalai Tesque	13407-45	
D-Sorbitol	Nacalai Tesque	06286-55	
γ -cyclodextrin	Wako Pure Chemical Industries	037-10643	
Glycerol	Sigma-Aldrich	G9012	
Huygens Essential	Scientific Volume Imaging	ver. 18.10.0p8/21.10.1p0 64b	
Imaris	Bitplane	ver. 9.0.0	
Leica Application Suite X	Leica Microsystems	LAS X, ver. 3.5.5.19976	
Methyl- β -cyclodextrin	Tokyo Chemical Industry	M1356	
Paraformaldehyde	Merck Millipore	1.04005.1000	
Phosphate Buffered Saline (10x; pH 7.4)	Nacalai Tesque	27575-31	10x PBS(-)
Sodium azide	Nacalai Tesque	31233-55	
Sodium pentobarbital	Kyoritsu Seiyaku	N/A	
TCS SP8	Leica Microsystems	N/A	
Triton X-100	Nacalai Tesque	35501-15	
Urea	Nacalai Tesque	35940-65	
Vibrating tissue slicer	Dosaka EM	PRO7N	