

Materials List for

Preparation of Retinal Samples for Volume Electron Microscopy

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Materials

Name	Company	Catalog Number	Comments
2,2,2-Tribromoethanol	Sigma-Aldrich	T48402	
Acetone	Electron Microscopy Science	10000	
Amira 6.8	Thermo Fisher Scientific		
CaCl ₂	Sigma	C-2661	
Embedding mold	Beijing Zhongjingkeyi Technology	GP10590	
Epon resin	Electron Microscopy Science	14900	
Ethanol	Sigma	64-17-5	
Glutaraldehyde	Electron Microscopy Science	16020	
Helios NanoLab 600i dual-beam SEM	FEI		
L-aspartic acid	Sigma	56-84-8	
Lead nitrate	Sigma	10099-74-8	
Na ₂ HPO ₄ ·12H ₂ O	Sigma	71650	A component of phosphate buffer
NaH ₂ PO ₄ ·H ₂ O	Sigma	71507	A component of phosphate buffer
OsO ₄	TED PELLA	4008-160501	
Paraformaldehyde	Electron Microscopy Science	157-8	
Potassium ferrocyanide	Sigma	14459-95-1	
Sodium cacodylate	Sigma	6131-99-3	
Sputter coater	Leica	ACE200	
Thiocarbohydrazide	Sigma	2231-57-4	
Uranyl acetate	TED PELLA	CA96049	