

Materials List for:

Preparation of Newborn Rat Brain Tissue for Ultrastructural Morphometric Analysis of Synaptic Vesicle Distribution at Nerve Terminals

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Materials

Name	Company	Catalog Number	Comments
4% Osmium tetroxide	Electron Microscopy Sciences	19170	aqueous
50% Glutaraldehyde	Electron Microscopy Sciences	16310	EM grade, aqueous
Aclar 33 C embedding film	Electron Microscopy Sciences	50425-25	7.8 mil thickness, size 8"x10"
BEEM capsule holder	Electron Microscopy Sciences	69916	holds size "00" capsules
BEEM embedding capsules	Electron Microscopy Sciences	70021	"size 00, flat (cut bottom)"
Butler block trimmer	Electron Microscopy Sciences	69945-01	
Camel hair paint brush	Electron Microscopy Sciences	65576-01	
Disc punch	Electron Microscopy Sciences	77850-09	
Embed 812 kit	Electron Microscopy Sciences	14120	
Lead acetate	Electron Microscopy Sciences	17600	
Lead citrate	Electron Microscopy Sciences	17800	
Lead nitrate	Electron microscopy Sciences	17900	
Leica UC7 ultracut microtome	Leica		
Micro scale	Electron Microscopy Sciences	62091-23	
Paraformaldehyde	Electron Microscopy Sciences	19208	EM grade, granular
Precision Thelco laboratory oven	Thelco	51221159	
Sodium azide	Sigma-Aldrich	S2002	
StatMark pen	Electron Microscopy Sciences	72109-01	
Tyrode solution	Electron Microscopy Sciences	11760-05	
Uranyl acetate	Electron Microscopy Sciences	22400	powder