

Materials List for:

Mitochondria-associated ER Membranes (MAMs) and Glycosphingolipid Enriched Microdomains (GEMs): Isolation from Mouse Brain

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Materials

Name	Company	Catalog Number	Comments
REAGENTS			
Fractionation			
Sucrose	Fisher Scientific	S5-500	
Sodium Bicarbonate	Sigma-Aldrich	S-5761	
Magnesium Chloride, Hexahydrate	Fisher Scientific	BP214-500	
Calcium Chloride, Dihydrate	Sigma-Aldrich	C-5080	
MAM			
D-Mannitol	Sigma-Aldrich	M9546-250G	
Hepes	Fisher Scientific	BP310-500	
EGTA	Sigma-Aldrich	E4378-250G	
BSA, Fraction V, Heat Shock, Lyophilizate	Roche	03-116-964-001	
Percoll	GE	17-0891-02	
GEM			
Triton X-100	Sigma-Aldrich	T9284-500 ml	
Sodium Chloride	Fisher Scientific	S271-3	
Tris Base	Roche	03-118-142-001	
HCl	Fisher Scientific	A144S-500	
EDTA	Fisher Scientific	BP120-500	
Sodium Dodecyl Sulfate (SDS)	Fisher Scientific	BP166-500	
Common			
Protease Inhibitors Tablets, Complete EDTA-free	Roche	11-873-580-001	
EQUIPMENT			
2 ml Douce All-Glass Tissue Grinders	Kimble Chase	885300-0002	
15 ml Polypropylene Conical Centrifuge Tubes, BD Falcon	BD	352097	
30 ml Round-Bottom Glass Centrifuge Tubes	Kimble Chase	45500-30	
15 ml Round-Bottom Glass Centrifuge Tubes	Kimble Chase	45500-15	
Ultracentrifuge tubes, Ultra-Clear, Thinwall, 14x89 mm	Beckman-Coulter	344059	
Parafilm	Cole-Parmer	PM996	

Disposable Borosilicate Glass Pasteur Pipets, 9"	Fisher Scientific	13-678-20C	
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