

Materials List for:

Preparation of Synaptoneurosomes from Mouse Cortex using a Discontinuous Percoll-Sucrose Density Gradient

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Materials

Name	Company	Catalog Number	Comments
Name of the reagent	Company	Catalogue number	Comments (optional)
Micro BCA Protein Assay Kit	Pierce	23235	
CaCl ₂	Fisher	C79-500	
CO ₂ gas	Airgas (UW-MDS)	CD 50	
EDTA	RPI	E57020	
EtOH	Fisher	A407SK-4	
HCl	Fisher	A142-212	
Percoll	GE Healthcare	17-0891-01	
KH ₂ PO ₄	Fisher	P285-500	
PierceSDS-PAGE Sample Prep Kit	Pierce	89888	
NaCl	RPI	S23020	
NaHCO ₃	Fisher	BP328-500	
Na ₂ PHO ₄	Fisher	S381-500	
Sucrose	RPI	S24060	
Tris Base	RPI	T60040	
Tetrodotoxin	Sigma	T5651	
Express Pro Label Mix S35 Easy Tag	Perkin Elmer	NEG772	
Equipment	Company	Catalogue number	Comments (optional)
Dissection tools			
Dounce homogenizer, 7 mL (comes with two glass pestles labeled "A" and "B")	Wheaton		
P1000 Gilson Pipetman	Gilson	F123602	
Allegra 6KR Centrifuge	Beckman Coulter	366830	
GH 3.8 Rotor, Swinging bucket rotor	Beckman Coulter	360581	
Beckman J2-21 Centrifuge	Beckman		
Beckman tubes with caps	Beckman	355672	
White walled adapters	Beckman	342327	
Blue walled adapters	Beckman		
JA-17 Rotor, Fixed-angle rotor	Beckman	369691	

Table of antibodies used for western blots:			
Name of Antibody	Company	Catalogue number	Host Species
β -Actin	Sigma	A5441	mouse
GFAP	Santa Cruz	sc-65343	mouse
GP73	Santa Cruz	Sc-134509	rabbit
HSC70	Santa Cruz	sc-7298	mouse
Lamin β	Santa Cruz	Sc-6261	goat
Prohibitin	Santa Cruz	sc-28259	rabbit
PSD95	Millipore	MAB1596	mouse
SNAP25	AbCam	ab5666-100	rabbit
Synaptophysin	Millipore	MAB368	mouse
β -3-Tubulin	Santa Cruz	sc-80016	mouse