

Materials List for:

Juxtosomal Biocytin Labeling to Study the Structure-function Relationship of Individual Cortical Neurons

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Materials

Name	Company	Catalog Number	Comments
SM-6 control system	Luigs Neumann		
LN- Mini 23 XYZ			
LN- Mini 55 Manipulatorblock X2			
Lynx-8 amplifier	Neuralynx		
Axoclamp-2B amplifier	Axon Instruments		
Osada model EXL-M40	Osada, Inc.		
Piezoelectric device	Physik Instrumente	PL140.10	
LabView	National Instruments, Austin, TX, USA		LabView acquisition software
Ntrod Virtual Instrument	R. Bruno, Columbia Univ., NY		
Sugi absorbent swabs	Kettenbach	30601	
Cytochrome C from equine heart	Sigma	C2506	
Catalase from bovine liver	Sigma	C9322	
DAB	Sigma	D5637	
H ₂ O ₂	Boom	7047	
Vectastain standard ABC-kit	Vector	PK6100	
Triton X100	Sigma	T9284	
Urethane	Sigma	U2500	
Isoflurane	Pharmachemie	45.112.110	
Lidocaine	Sigma	L5647	
Simplex rapid dental cement	Kemdent	ACR308/ACR924	
Biocytin	Molekula	36219518	
PFA	Merck Millipore	8187151000	
Trizma base	Sigma	T4661	
Mowiol 4-88	Aldrich	81381	
Analytical grade glycerol	Fluka	49767	
HEPES	Sigma	H3375	
NaCl	Sigma Aldrich	31434	
KCl	Sigma Aldrich	60130	
CaCl	Sigma Aldrich	22,350-6	
MgCl ₂	Fluka	63072	