

Materials List for:

Detection of Neuritic Plaques in Alzheimer's Disease Mouse Model

Philip T.T. Ly¹, Fang Cai^{*1}, Weihong Song¹

¹Department of Neuroscience, The University of British Columbia

*These authors contributed equally

Correspondence to: Weihong Song at weihong@exchange.ubc.ca

URL: <https://www.jove.com/video/2831>

DOI: [doi:10.3791/2831](https://doi.org/10.3791/2831)

Materials

Name	Company	Catalog Number	Comments
Paraformaldehyde	Sigma-Aldrich	P6148-1KG	
Polyvinylpyrrolidene	Sigma-Aldrich	PVP40-100G	
Sucrose	Fisher Scientific	S5-3	
Ethylene glycol	Sigma-Aldrich	324558-2L	
Tissue-Tek O.C.T. Compound	Sakura Finetek	4583	
88% formic acid	Fisher Scientific	A118P-500	
Triton X-100	ICN Biomedicals	807426	
H2O2	Sigma-Aldrich	H-1009	
Biotin Labeled 4G8 Antibody	Cedarlane Labs	SIG-39240-500	
Elite ABC kit	Vector Laboratories	PK-6100	
Imm PACT DAB	Vector Laboratories	SK-4105	
Xylene	Fisher Scientific	X4-4	
Entellan	Electron Microscopy Sciences	65037-71	
Superfrost* Plus Microscope Slides	Fisher Scientific	12-550-15	
Cryostat	Leica Microsystems	CM-3050-S	
MX35 Premier microtome blade	Thermo Fisher Scientific, Inc.	3052835	
Thioflavin S	Sigma-Aldrich	T1892-25G	