

Materials List for:

Monitoring Immune Cells Trafficking Fluorescent Prion Rods Hours after Intraperitoneal Infection

Theodore E. Johnson^{*1}, Brady A. Michel^{*1}, Crystal Meyerett¹, Angela Duffy¹, Anne Avery¹, Steven Dow¹, Mark D. Zabel¹

¹Department of Microbiology, Immunology and Pathology, Colorado State University

*These authors contributed equally

Correspondence to: Mark D. Zabel at mark.zabel@colostate.edu

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Materials

Name	Company	Catalog Number	Comments
CWD-infected elk brain	Private elk farm in Colorado		Use any non-human prion-infected brain
Blender	Oster Professional Products	6694-015	Use any commercial blender
Centrifuge	Sorvall, Thermo Scientific	SS34 rotor	Use any centrifuge /rotor that can reach 3000 x g and hold ≥ 500 ml volumes
Ultracentrifuge	Beckman Coulter Inc.	50.2 Ti rotor	Use any ultracentrifuge /rotor that can reach 100,000 x g and hold ≥ 500 ml volumes
Bradford Reagent	Sigma-Aldrich	B6916	
Complete mini protease inhibitor cocktail	Roche Group	11 836 170 001	
Sonicator	Misonix	MP4000X	Use any horn or probe sonicator set to ~70% max power
DyLight antibody Labeling kit	Thermo Fisher Scientific, Inc.	53050	
microcentrifuge	Eppendorf	55430R	Use any refrigerated microcentrifuge that can achieve 13,000x g
centrifugal filter columns	EMD Millipore	Microcon YM-100	Use any filter or dialysis membrane with 100 Kd molecular weight cutoff
8-40 week-old FVB mice	Charles River Laboratories	207	Use any inbred mouse strain
1 µm red fluorescent beads	Phosphorex	2307	Use any fluorescent bead ≤ 10 µm
RPMI 1640 medium	Invitrogen	11875-093	
40 µm cell strainer	Falcon BD	352340	
fluorescent antibodies	BD Biosciences	Various	Use any fluorescent antibody appropriate for your application.
flow cytometer	Dako	CyanADP	Use any flow cytometer capable of multicolor fluorescence detection