

Materials List for:

Bioluminescence Imaging of Neuroinflammation in Transgenic Mice After Peripheral Inoculation of Alpha-Synuclein Fibrils

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URL: <https://www.jove.com/video/55503>

DOI: [doi:10.3791/55503](https://doi.org/10.3791/55503)

Materials

Name	Company	Catalog Number	Comments
anti-actin antibody	Merck Millipore	MAB1501	
anti-alpha-synuclein, phospho S129 antibody [pSyn#64]	Wako	015-25191	
anti-alpha-synuclein, phospho S129 antibody [EP1536Y]	Abcam	ab51253	
anti-GFAP antibody	Dako	Z0334 01	
anti-IBA-1 antibody	Wako	019-19741	
anti-Sequestosome-1 (p62) antibody	Proteintech	18420-1-AP	
anti-ubiquitin antibody [Ubi-1]	Merck Millipore	MAB1510	
Phosphate-buffered saline (PBS)	Invitrogen	14190169	
Ketamine	Ratiopharm		100 mg/kg
Xylazine	Ratiopharm		10 mg/kg
27 G syringe	VWR	613-4900	
Isoflurane	Piramal Healthcare	PZN 4831850	
Depilatory cream	Veet		
Secureline lab marker	Neolab	25040	
D-luciferin potassium salt	Acris	LK10000	30 mg/mL stock solution
Thermomixer	Eppendorf	5776671	
Sonopuls Mini20 sonicator	Bandelin	3648	
IVIS Lumina II imaging system	PerkinElmer		
Living Image 3.0 Software	PerkinElmer		
Tg(M83 ^{+/+}) mice or B6;C3-Tg(Prnp-SNCA ^{*A53T})83Vle/J mice	The Jackson Laboratory	004479	
Standard pattern forceps	Fine Science Tools	11000-16	
Narrow pattern forceps	Fine Science Tools	11002-12	
N-laurylsarcosyl	Sigma	L5125-100G	
Optima Max-XP ultracentrifuge	Beckman Coulter		TLA-110 rotor
Thickwall polycarbonate tubes	Beckman Coulter	362305	
NuPAGE Novex 4-12% Bis-Tris Midi Protein Gels	Thermo Fisher Scientific	WG1401BOX	
HRP conjugated antibody	Cayman	Cay10004301-1	
IR Dye 680 conjugated antibody	LI-COR Biosciences	926-68070	
SuperSignal West Dura Extended Duration Substrate	Thermo Fisher Scientific	34075	

Stella 3200 imaging system	Raytest		
Odyssey infrared imaging system	LI-COR Biosciences		
Tween 20	MP Biomedicals	TWEEN201	
Triton X-100	Sigma	SA/T8787	
Immobilon-FL PVDF membrane	Merck Millipore	IPFL00010	
Xylol	Sigma	Roth	
Hydrogen peroxide	Sigma	SA/00216763/000500	working solution 3%
Bovine serum albumine (BSA)	Thermo Fisher Scientific	A3294-100G	
Goat serum	Thermo Fisher Scientific	PCN5000	
4,6-diamidino-2-phenylindole (DAPI)	Thermo Fisher Scientific	D1306	working dilution 1:50,000
Fluoromount media	Omnilab	SA/F4680/000025	
LSM700 confocal laser scanning microscope	Carl Zeiss		
HALT protease and phosphatase inhibitors	Thermo Fisher Scientific	10516495	
Precellys 24-Dual homogenizer	Peqlab	91-PCS24D	
Alexa Fluor 488 conjugated antibody	Thermo Fisher Scientific	A31619	
Alexa Fluor 594 conjugated antibody	Thermo Fisher Scientific	A11005	
Pierce BCA Protein Assay Kit	Thermo Fisher Scientific	10741395	
Microtome RM2255	Leica		
LSM700 confocal laser scanning microscope	Carl Zeiss		