

Materials List for

Transplantation of Human Induced Pluripotent Stem Cell-Derived Microglia in Immunocompetent Mice Brain via Non-Invasive Transnasal Route

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jove.com/video/63574

Materials

Name	Company	Catalog Number	Comments
Dulbecco's Modified Eagle Medium (DMEM)	Thermo Fisher Scientific	10566	
AIN 93G	Oriental Yeast Co		
Anti-Iba1 antibody	FUJIFILM	019-19741	
Anti-STEM121 antibody	Takara Bioscience	Y40410	
Butorphanol tartrate	Kyoritsu Seiyaku	8019	
Confocal microscope	Olympus	FV1200	
Fetal bovine serum	GE Healthcare Life Sciences	SH30070.03	
Frozen iPSMG	Shionogi & Co., Ltd		Laboratory for Drug Discovery and Disease Research
Human colony stimulating factor 1 (hCSF1)	PeproTech	300-25	
Hyaluronidase	Sigma-Aldrich	H-3506	
Medetomidine hydrochloride	Meiji Seika	VETLI5	
Midazolam	Astellas	18005A2	
Paraformaldehyde	Wako Pure Chemical Industries	162-16065	
Penicillin/streptomycin	Thermo Fisher Scientific	15140-122	
Pipette	Eppendorf	3120000011	
Pipette tip	Eppendorf	30076028	
PLX5622	Amadis Chemical	A930097	
Transforming growth factor-β1 (Tgf-β1)	PeproTech	100-21	
Triton X-100	Sigma-Aldrich	X-100	
VECTA SHIELD Hard Set Mounting Medium	Vector Laboratories	H-1400-10	antifade mounting medium