

Materials List for:

Intracerebroventricular and Intravascular Injection of Viral Particles and Fluorescent Microbeads into the Neonatal Brain

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Materials

Name	Company	Catalog Number	Comments
Tris; tris(hydroxymethyl)-aminomethane	Sigma-Aldrich	T-6791	
HCl	Sigma-Aldrich	H-1758	
pEGFP-N1 vector	Clontech	#6085-1	
D-sorbitol	Sigma-Aldrich	S-1876	
SPHERO TM Fluorescent Polystyrene Nile Red 0.04 - 0.06	Spherotech, Inc.	FP-00556-2	
SPHERO TM Fluorescent Polystyrene Nile Red 0.1 - 0.3	Spherotech, Inc.	FP-0256-2	
SPHERO TM Fluorescent Polystyrene Nile Red 1.7 - 2.2	Spherotech, inc.	FP-2056-2	
10% mouse serum	DAKO	X0910	
C57BL/6 mouse	SLC, Inc.		
ICR mouse	SLC, Inc.		
Modified Microliter Syringes (7000 Series)	Hamilton company		
35-gauge needle	Saito Medical		
A Wee Sight Transilluminator	Phillips Healthcare	1017920	
O.C.T.Compound	Sakura Finetek	4583	
RNase A	Sigma-Aldrich	R4642	
Nonidet(R) P-40	Nacalai	25223-04	
citrate buffer (pH 6) x 10	Sigma-Aldrich	C9999-100ml	
pepsin	Sigma-Aldrich	P6887	
EDTA	dojindo	N001	
Formamide	TCI	F0045	
Dextran sulfate sodium salt	Sigma-Aldrich	42867-5G	
Denhardt's Solution (50x)	ThermoFisher scientific	750018	
Yeast tRNA (10 mg/ml)	ThermoFisher scientific	AM7119	
SSC 20x	Sigma-Aldrich	S6639	
DAPI	ThermoFisher scientific	D1306	
n-Hexane	Sigma-Aldrich	296090	
superfrost plus glass	ThermoFisher scientific	12-55-18	
Cytokeep II	Nippon Shoji Co.		

FITC-conjugated Griffonia simplicifolia isolectin B4	Vector laboratories, Inc.	L1104	
Anti-Mouse CD31 (PECAM-1) PE	ebioscience	12-0311	
ProLong Gold	ThermoFisher scientific	P36934	
BIOREVO	KEYENCE	BZ-9000E	