

Materials List for:

Ultrasound-guided Intracardiac Injection of Human Mesenchymal Stem Cells to Increase Homing to the Intestine for Use in Murine Models of Experimental Inflammatory Bowel Diseases

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Materials

Name	Company	Catalog Number	Comments
DMEM-LG	Gibco	31600-091	
0.25% trypsin-EDTA	Gibco	25-200-072	
Proteamine Sulfate	Sigma Aldrich	P4020-1G	
D-Luciferin	Goldbio	luck-500	
Fetal Bovine Serum	Gibco	26140-079	
Antibiotic-Antimycotic	Gibco	15240-062	
PBS	HyClone	SH30256.01	
175 cm tissue culture flasks	Corning	431080	
75 cm tissue culture flasks	Corning	430720	
Centrifuge tubes	Crysalgen	23-2265	
Tissue-Plus O.C.T. compound	Fisher HealthCare	4585	
Cryomold Standard	Tissue-Tek	4557	
Lenti-Pac HIV Expression Packaging System	GeneCopoeia	HPK-LVTR-20	
Povidone Iodine swabs	Medline	MDS093901	
Hair removal cream	Nair	N/A	
Isoflurane	Piramal Helathcare	NDC 66794 013 25	
Forceps	Fine Science Tools	11200-33	
Dissection scissors (Wagner)	Fine Science Tools	Wagner 14068-12	
Puralube vet ointment	Puralube	NDC 17033-211-38	
Aquasonic 100 ultrasound transmission gel	Parker laboratories	01 08	
Petri dish	Fisher Scientific	FB0875711A	
SAMP mice	Cleveland Digestive Disease Research Core Centre		
AKR mice	Cleveland Digestive Disease Research Core Centre		
Vevo 770 imaging system	Visual Sonics, Toronto, Canada		
IVIS spectrum series system	PerkinElmer, Waltham, MA		
Living image software	CaliperLifeSciences, PerkinElmer, Waltham, MA		

Triple reporter	Kindly provided by Dr. Zheng-Hong Lee, CWRU, (citation 19)		
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