

Materials List for

# Intrafemoral Injection of Human Hematopoietic Stem and Progenitor Cells into Immunocompromised Mice

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## URL

jove.com/video/66315

## Materials

Name	Company	Catalog Number	Comments
0.5 mL Insulin Syringe with 29 G x 12.7 mm Needle	BD	324892	
1 mL Insulin Syringe with 29 G x 0.5" Needle	BD	324827	
1.5 mL tube	Fisherbrand	509-GRD-PFB	
3 mL syringe	HENKE SASS WOLF GMBH	4020.000V0	
5 mL Round Bottom Polystyrene Test Tube with Cell Strainer Cap 12 x 75 mm	Falcon	352235	FACS tube
5 mL Round Bottom Polystyrene Test Tube with Snap Cap 12 x 75 mm	Falcon	352058	FACS tube
27 G 1/2" needle	BD	300635	
40 µm cell strainer for 50 mL tube	Greiner Bio-one	542040	
50 mL tube	Sarstedt Ltd	62.547.254	
96 well round-bottom plate	Falcon	351177	
Alcohol Swab	VITREX MEDICAL A/S	520213	
BD LSR Fortessa X-20 Cell Analyzer	BD		flow cytometer
Buprenorphine	Animalcare	XVD190	
CD14/PECy7 (Clone M5E2)	biolegend	301814	Used at 1 in 1000
CD19/Alexa 700 (Clone HIB19)	biolegend	302226	Used at 1 in 300
CD19/FITC (Clone HIB19)	biolegend	302206	Used at 1 in 200
CD3/APCCy7 (Clone HIT3a)	biolegend	300318	Used at 1 in 100
CD33/APC (Clone P67.6)	BD	345800	Used at 1 in 200
CD45/BV510 (Clone HI30)	biolegend	304036	Used at 1 in 500
CD45/PECy5 (Clone 2D1)	biolegend	368526	Used at 1 in 300
CompBeads Anti-Mouse Ig, κ/ Negative Control Compensation Particles Set	BD	552843	
Dnase 1	Worthington Biochemical	LS002139	
Fetal Bovine Serum (FBS)	PAN-Biotech	P40-37500	

Glycophorin A (GlyA)/PE (Clone GA-R2)	BD	340947	Used at 1 in 1000
Iscove Modified Dulbecco Media (IMDM)	PAN-Biotech	P04-20250	
Isoflurane (IsoFlo 100% w/w Inhalation Vapor, liquid)	Zoetis	115095	
Microvette 300 Lithium heparin LH, 300 µL	Sarstedt Ltd	20.1309	Mouse blood collection tube
NOD.Cg-PrkdcscidIl2rgtm1Wjl/SzJ (NSG) mice	Charles River		
Pancoll human, Density: 1.077 g/mL	PAN-Biotech	P04-60500	
Penicillin-Streptomycin	Gibco	15140122	
Phosphate Buffered Saline (PBS)	Gibco	14190169	